CHARITY MOBILE

LG COSMOS 3
USER GUIDE

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1. Earpiece Lets you hear the caller and automated prompts.

2. LCD Screen Displays digital clock, phone status, and information you choose to display.

3. Volume Keys Use to adjust the Master Volume in standby mode* and the Earpiece Volume during a call. Use to adjust font sizes when viewing messages, entering phone numbers (in standby mode) or browsing menus (except for the Main menu).

4. Left Soft Key Perform functions shown on the bottom-left of the display.

5. Accessory/ Charger Port Connects the phone to the battery charger or other compatible accessories.

6. Speakerphone Key Use to change to speakerphone mode.

7. Send Key Use to make and answer calls or send a message.

8. Hand Strap Hole Allows you to insert a hand strap so that you can easily carry your phone on your hand.

9. 3.5 mm Headset Jack Allows you to plug in an optional headset for convenient, hands-free conversations.

10. microSD™ Slot Accommodates optional microSD™ cards up to 32GB. The microSD Slot is located in the battery compartment.

11 Camera Lens Use to take a photo. Keep it clean for optimal photo quality.

12. OK/ Directional Key Use ⊙ to select the function displayed at the bottom center of the LCD between the Left and Right Soft Key functions. Use the Directional Key ⊙ to scroll through the menu items and highlight a specific field or object by moving up, down, left or right.

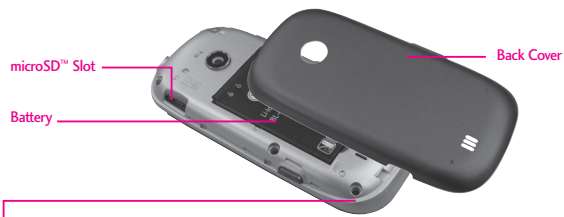
13. Right Soft Key Perform functions shown on the bottom-right of the display.

* Standby mode is when the phone is waiting for input from you. No menu is displayed and the phone isn't performing any action. It's the starting point for all of the instruction steps.

NOTE: This User Manual gives navigation instructions according to the default "Grid" Menu Layout in the Display Settings menu. If other themes or menus are set, navigating the phone's menus may be different.

14. **Clear/ Voice Commands Key** Deletes single spaces or characters with a quick press, but press and hold to delete the entire word. Also backs out of menus, one level at a time. You can also use this key to access Voice Commands (when you are not entering text).
15. **Power/End Key** Use to turn the power on/off and to end a call. Also returns to standby mode.
16. **Camera Key** Use for quick access to the Camera function.
17. **Alphanumeric Keypad** Use to enter numbers and characters and select menu items.
18. **Vibrate Mode Key** Use to set Vibrate mode (from standby mode press and hold for about 3 seconds).

Rear view



NOTE

The antenna is located inside your phone.

TIP

If you hold the phone enclosing the lower edge, you may interfere with the antenna's ability to receive a clear signal which affects call quality for voice or data transfer.

NOTES

- It's important to fully charge the battery before using the phone for the first time.
- Battery life and signal strength are significant factors (among others) that affect your phone's ability to send/receive calls or data transfer.

Using the QWERTY Keyboard

Your phone features a slide-out QWERTY keyboard, specifically designed for easy and comfortable text entry. The QWERTY keyboard uses the same layout as the keyboard on your computer, but has several added features and options to make text entry easier.

Soft Keys
• In Standby Mode
Left Soft Key Use to access the Message menu.
Right Soft Key Use to access the Contacts menu.
Function Key/ Favorites Key
Shift Key
Clear Key
Return Key

To enter text with the QWERTY keyboard

1. In a text entry screen, slide open the QWERTY keyboard. (The display automatically adjusts to landscape mode.)
2. Use your thumbs to enter text.
   - To change capitalization, press SHIFT .
   - To enter an alternate character on a key, press FN* , then press the key with the alternate character. The next key press resumes normal character entry. To lock in alternate character entry, press FN* twice.

     NOTE
     To quickly enter ".com", press FN* , then press .com .
   - To turn speaker on/off, press and hold M .
   - To access Favorites from standby mode with the QWERTY keyboard open, press FN* .
   - For additional text entry options, press the Left Soft Key and select an option such as Quick Text.

Quick Menu

When you open the QWERTY keyboard from standby mode, the Quick Menu is displayed, giving you quick access to Messaging, Favorites and Social Networks.

Contacts Search

When the phone is in standby mode with the QWERTY keyboard open, press any alphabetical key to open your Contact List and search for entries that begin with the letter(s) you enter.

Text Message

When the phone is in standby mode with the QWERTY keyboard open, press SHIFT to create a new text message.

Vibrate Mode

When the phone is in standby mode with the QWERTY keyboard open, press and hold Z to toggle between Vibrate mode and Normal mode.

Voice Command

When the phone is in standby mode with the QWERTY keyboard open, press and hold X to activate the Voice Commands feature.

Social Networks

When the phone is in standby mode with the QWERTY keyboard open, press SPACE to access the Social Networks menu.

Language setting

Your phone supports four languages including English, Spanish, Simplified Chinese and Korean.

To change the language

1. From the main screen, press **MENU.**
2. Press 3 **Settings & Tools**, then press 3 **Phone Settings**.
3. Press 4 **Language**.
4. Select the desired language.

Contacts

1. New Contact
2. Contact List
3. Backup Assistant
4. Favorites
5. Groups
6. Speed Dials
7. In Case of Emergency
8. My Name Card

Messaging

1. New Message
   1. TXT Message
   2. Picture Message
   3. Voice Message
2. Messages*
3. Drafts
4. Voicemail
5. Mobile Email
6. Social Networks

Settings
1. Inbox View
2. Entry Mode
3. Auto Save Sent
4. Auto Erase Inbox
5. Messaging Font Size
6. TXT Auto View
7. TXT Instant Reply
8. TXT Auto Scroll
9. Multimedia Auto Receive
10. Quick Text
11. Emergency Alert
12. Voicemail #
13. Callback #
14. Signature
15. Delivery Receipt

Options
1. Erase Sent/ Received
2. Erase Drafts
3. Erase All Messages

Recent Calls

1. Missed
2. Received
3. Dialed
4. All
5. View Timers

Mobile Web

Media Center

1. Apps
2. Search
3. Mobile Web
4. Music & Tones
   1. My Ringtones
   2. My Music
   3. My Sounds
5. Pictures
   1. My Pictures
   2. Take Picture
   3. Online Album

Mobile Email

* The Messages submenu options may vary and depend on the Inbox View settings.

Apps

My Pictures

Settings & Tools

1. My Verizon
2. Master Volume
3. Tools
   1. Voice Commands
   2. Calculator
   3. Ez Tip Calculator
   4. Calendar
   5. To Do List
   6. Alarm Clock
   7. Info Search
   8. Stopwatch
   9. World Clock
   10. Notepad
   11. Document Viewer
   12. USB Mass Storage
4. Bluetooth Menu
   1. Add New Device
5. Keyguard Settings
   1. Auto Lock
   2. Unlock Options
   3. Lock Options
6. Sounds Settings
   1. Easy Set-up
   2. Call Sounds
      1. Call Ringtone
      2. Call Vibrate
      3. Caller ID Readout
   3. Alert Sounds
      1. TXT Message
      2. Multimedia Message
      3. Voicemail
      4. Emergency Tone
      5. Missed Call
   4. Keypad Volume
   5. Digit Dial Readout
   6. Service Alerts
      1. ERI
      2. Minute Beep
      3. Call Connect
      4. Charge Complete
      5. Software Update
   7. Power On/Off
      1. Power On
      2. Power Off
   8. Voice Clarity
7. Display Settings
   1. Easy Set-up
   2. Banner
      1. Personal Banner
      2. ERI Banner
   3. Backlight
      1. Display Backlight
      2. Keypad Backlight
   4. Brightness
   5. Wallpaper
      1. My Pictures
      2. Fun Animations
      3. Slide Show
   6. Charging Screen

7. Display Themes
8. Main Menu Settings
   1. Menu Layout
   2. Replace Menu Items
   3. Position Menu Items
   4. Reset Menu Settings
9. Font Type
10. Font Size
   1. Dial Digits
   2. Menu & List
   3. Message
11. Clock Format

8. Phone Settings

1. Airplane Mode
2. Set Shortcut Keys
   1. Set My Shortcuts
   2. Set Directional Keys
   3. Set Qwerty Shortcut
   4. Set Slide Open View
3. Voice Commands
   1. Confirm Choices
   2. Sensitivity
   3. Adapt Voice
   4. Prompts
   5. Clear Key Activation
4. Language
5. Location
6. Current Country
7. Security
   1. Edit Codes
   2. Restrictions
   3. Phone Lock Setting
   4. Lock Phone Now
   5. Reset Default
   6. Restore Phone
8. System Select
9. NAM Select

9. Call Settings

1. Answer Options
2. End Call Options
3. Call Forwarding
4. Auto Retry
5. TTY Mode
6. One Touch Dial
7. Voice Privacy
8. DTMF Tones
9. Assisted Dialing

10. USB Mode

11. Memory

1. Save Options
2. Phone Memory
3. Card Memory

12. Phone Info

1. My Number
2. SW/HW Version
3. Icon Glossary
4. Software Update

13. Set-up Wizard

Setting Up Your Phone

Step 1. Remove the Back Cover

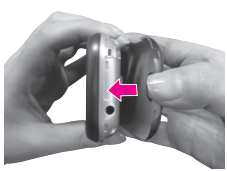
1. Hold the phone securely with both hands.
2. Use the fingertip cutout at the top of the phone to pull the back cover off.

Step 2. Insert the Battery

1. Align the battery contacts with the terminals in the battery compartment.
2. Push the battery down until it clicks into place.

Step 3. Replace the Back Cover

Place the back cover over the battery compartment, then press it downward until it clicks into place.



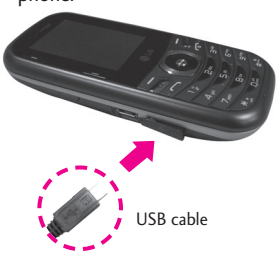
Step 4. Charge the Phone

Your device comes with a Wall/USB charger and a USB cable which connect together to charge your phone. To charge your phone:

NOTICE

Please use only an approved charging accessory to charge your LG phone. Improper handling of the Accessory/ Charger Port, as well as the use of an incompatible charger, may cause damage to your phone and void the warranty.

1. Before turning on your phone, charge it fully. Be sure to use the charger that came with your phone.

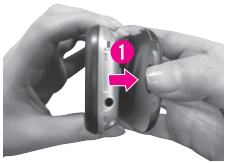


NOTICE

Please make sure that the "B" side faces up before inserting a charger or USB cable into the Accessory/Charger Port of your phone.

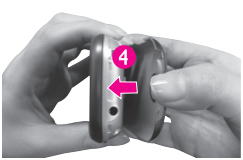
Installing the Battery

1. Remove the battery cover



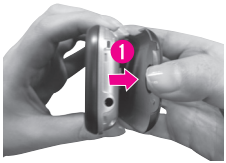
2. Align the battery contacts with the terminals in the battery compartment.
3. Push the battery down until it clicks into place.

4. Install the back cover.



Removing the Battery

1. Turn the phone off and remove the back cover.



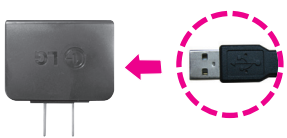
2. Remove the battery from the battery compartment by lifting the bottom of the battery using the fingertip cutout.

Charging the Battery

Your device comes with a Wall/USB charger and a USB cable which connect together to charge your phone. To charge your phone:

NOTICE
Please use only an approved charging accessory to charge your LG phone. Improper handling of the Accessory/ Charger Port, as well as the use of an incompatible charger, may cause damage to your phone and void the warranty.

1. Connect the USB cable into the cableless wall adapter. When connecting as shown below, the LG logo on the USB cable should face toward you.



Wall/USB charger

2. Gently uncover the Accessory/ Charger Port, then plug the USB cable into it and the other end into an electrical outlet.

NOTICE

Please make sure that the "B" side faces up before inserting a USB cable into the Accessory/Charger Port of your phone.

The charge time varies depending upon the battery level.

Charging with USB

You can use your computer to charge your phone. To be able to charge with the USB cable, you need to have the necessary USB driver installed on your PC first. Connect one end of the USB cable to the Accessory/ Charger Port on your phone and the other end to a high-power USB port on your PC (commonly located on the front panel of the computer).

NOTE Low-power USB ports are not supported, such as the USB ports on your keyboard or bus-powered USB hub. The LG USB Driver is downloadable from the www.lge.com.

Battery Temperature Protection

If the battery gets overheated, the phone will automatically turn off. When you turn the phone back on, a message pops up alerting you that the phone was powered off for your safety.

How to Install Your microSD™ Card

NOTE

Memory card is sold separately.

1. Remove the back cover and locate the microSD™ slot.
2. Insert the microSD™ card with the contacts facing downwards until it clicks into the slot.

NOTE If you insert the card in the wrong direction, it may damage your phone or your card.

How to Remove Your microSD™ Card

Remove the back cover from the phone. Gently press the exposed edge of the microSD™ card to release it, then remove it from the slot and replace the cover.

NOTE Do not attempt to remove the microSD™ card while reading or writing to the card.

Battery Charge Level

You can find the battery charge level at the top right corner of the LCD screen. When the charge level becomes low, the battery sensor sounds a warning tone, blinks the battery icon, and/or displays a warning message. As the charge level approaches empty, the phone automatically switches off without saving.

Signal Strength

Call quality depends on the signal strength in your area. You can tell how much signal strength you have by the number of bars next to the signal strength icon - the more bars, the stronger the signal. If you're having problems with signal quality, move to an open area or, when inside a building, try moving near a window.

Turning the Phone On and Off

Turning the Phone On

1. Insert the battery and connect the phone to an external power source if the battery level is low.
2. Press and hold until the screen lights up.

Turning the Phone Off

Press and hold until the display turns off.

Making Calls

Using the external keys

1. Press ◎ to unlock the screen (and keys).
2. Enter the phone number using the keypad.
3. Press ☎ to dial the number.
4. Press ☎ to end the call.

NOTE Your phone has a Voice Commands feature that also lets you make calls by saying a phone number or Contact name. To access it, press CLR and say **Call** followed by the name or number.

Correcting Dialing Mistakes

While entering a phone number, press CLR once to erase the last digit entered, or hold it down for at least two seconds to delete all the digits.

Redialing Calls

1. Press ◎ to unlock the screen (and keys).
2. Press ☎ twice to redial the last number dialed.

Receiving Calls

1. When the phone rings or vibrates, press ☎ to answer.

NOTE If you've selected **Slide Up** in your Answer Options settings, you can simply open the QWERTY keyboard to answer the call with speakerphone mode activated.

2. Press ☎ to end the call.

NOTE If you've selected **Close Slide** in your End Call Options, simply close the QWERTY keyboard to end the call.

Screen Icons

When the phone is on, the top line of the LCD screen displays phone status icons.

To view the icons and their definitions, press [MENU] from the stanby mode, then press 9wxz **Settings & Tools** and select **Phone info**. Then press 3def **Icon Glossary** and select a subcategory.

Vibrate Mode

Sets the phone to vibrate instead of ringing (is displayed).

To set Vibrate mode using the external keypad

With the screen unlocked in standby mode, press and hold . Press and hold again to return to Normal mode.

To set Vibrate mode using the QWERTY keyboard

With the QWERTY keyboard open in standby mode, press and hold . Press and hold again to return to Normal mode.

Sounds Off

Quickly deactivate your phone's sounds when you're in a place where phone sounds would be disruptive.
With the external screen unlocked and in standby mode, press and hold the lower Volume Key for 3 seconds. To return to normal sounds mode, press and hold the upper Volume Key .

Mute Function

The Mute function prevents the transmission of your voice to the caller. To quickly activate Mute while in a call, press the Left Soft Key [**Mute**]. To Unmute, press the Left Soft Key [**Unmute**].

Quick Volume Adjustment

Quickly adjust ringer and earpiece volumes by pressing the Volume Keys on the left side of the phone. Press the **Volume Up Key** to increase and the **Volume Down Key** to decrease.

NOTE The earpiece volume can only be adjusted during a call and the Keypad Volume can only be adjusted through the Sounds Settings menu.

Scalable Fonts

Your phone gives you on-the-spot control over font size not only in displaying dialing numbers, but also in viewing messages, Contact information, and lists (such as menus, sub-menus, call history, etc.). Easily change font size by pressing the Volume Keys to dynamically set text to small, medium or large.

NOTE The Grid menu layout is

displayed in graphics, therefore text cannot be scaled.

Events Menu

The Events menu keeps track of recent phone events, such as missed calls, messages, calendar items, alarms, and more. From standby mode, press the Directional Key downward to quickly access the Events menu. Scroll to the event you want, then press to view details.

Call Waiting

During a call, one beep indicates another incoming call. Press to answer it and put the first call on hold. Press again to return to the first call.

Caller ID

Caller ID displays the number and/or name and picture (if applicable) of the person calling when your phone rings.

Voice Commands

Voice Commands allow you to do things by verbal command (e.g., make calls, check Voicemail, etc.). The Voice Commands feature is accessed by pressing the Voice Commands Key whether the QWERTY keyboard is open or closed.

- Press the Voice Commands Key CLR on the external keypad and follow the prompts.
- Press and hold the Voice Commands Key X on the QWERTY keyboard and follow the prompts.

Clear Key Activation

By default, CLR on the external keypad activates the Voice Commands feature. To deactivate, change the Clear Key Activation setting to **Off** (see page 90).

NOTE Voice Commands can also be started with the designated key on your Bluetooth® device. Please check the manual of the Bluetooth® device for further instructions.

Favorites Key

Quickly and easily call, message, and/or view ten of your Contacts you set as your Favorites. The device can add "Group" as members under the Favorites, besides contacts.

1. Open the QWERTY keyboard. The Quick Menu is displayed.
2. Press the Right Directional Key to highlight **Favorites**, then press OK.

   OR

   Press the Favorites Key FN*.

NOTE
If the QWERTY keyboard is open, but the Quick Menu is not displayed, press the Favorites Key FN* to open your Favorites.

3. Use the Directional Key to highlight the Favorite you want.

- Press to call it.

NOTE
The Default Number is dialed if the Contact has more than one phone number.

- Use the Directional Key to highlight **New Message** or **View Messages**, then press OK to view the Favorites message history or send a message (text, picture or voice).

NOTE While the Favorite is highlighted, press the Messaging Key SHIFT to quickly start a text message.

- Press the Left Soft Key **[View]** to view the Favorites entry.
- Press the Right Soft Key **[Options]**. The following options are available:
  Move Position/ Remove/ Remove All/ Set as ICE Contact

Messaging Key

Quickly and easily send a text message using the Messaging Key on the QWERTY keyboard. From standby mode with the QWERTY keyboard open, press SHIFT, enter the address and message, then press OK **[SEND]**.

NOTE
Other ways to quickly access Messaging:
- Press the Left Soft Key **[Message]** from standby mode with the QWERTY keyboard open or closed.
- Open the QWERTY keyboard, (Messaging is highlighted in the Quick Menu), then press OK.

Text Input

The following key functions are available to help with text entry when you are using the external keypad:

Left Soft Key: Press to change the text input mode.

Shift: Press to change capitalization (initial cap, caps lock, lowercase).

Next: Press to display other matching words in the database in T9 Word mode.

Space: Press to complete a word and insert a space.

Clear: Press to delete a single space or character. Hold to delete entire words.

Punctuation: Press to insert punctuation.

Text Input Modes

In a text field, press the Left Soft Key to select a text input mode:

T9 Word/ Abc/ ABC/ 123/ T9 Palabra/ Symbols/ Quick Text/ Simplified Chinese/ Korean

NOTES

- T9 Palabra is the Spanish counterpart of T9 Word which utilizes accents, tildas, etc. for correct Spanish word spelling.
- Simplified Chinese supports PinYin as entry mode.
- Korean provides a key guide. To use the key guide, select Options > Show Key Guide.

Storing Basics

You can store new phone numbers into your Contacts from either the external keypad or the QWERTY keyboard. When using the external keypad, press OK to unlock the screen and enter standby mode. When using the QWERTY keyboard, press the Clear Key CLR to exit the Quick Menu and enter standby mode.

1. From standby mode, enter a number (max. 48 digits), then press the Left Soft Key [**Save**].
2. Use the Directional Key to highlight **Add New Contact/ Update Existing**, then press OK.
3. Use the Directional Key to highlight **Mobile 1/ Home/ Business/ Mobile 2/ Fax**, then press OK.
4. Enter a name (max. 32 characters), then press OK to save.

Customizing Individual Entries

1. From standby mode, press the Right Soft Key [**Contacts**], then use the Directional Key to highlight an entry.
2. Press the Left Soft Key [**Edit**].
3. Use the Directional Key to highlight the information to customize.
4. Change the entry as you want, then press OK to save your changes.

Speed Dial

Allows you to set up your Speed Dials.

1. From standby mode, press the Right Soft Key [**Contacts**], then use the Directional Key to highlight an entry.
2. Press the Left Soft Key [**Edit**].

3. Use the Directional Key to highlight a phone number, then press the Right Soft Key [Options].
4. Use the Directional Key to highlight **Set Speed Dial**, then press OK.
5. Select a Speed Dial digit.
   - Press a numerical key, then press OK.
   - Use the Directional Key to highlight the Speed Dial digit, then press OK.
6. Highlight **Yes** and press OK to save.

Storing a Number with Pauses

Pauses allow you to enter additional series of numbers to access automated systems such as Voicemail or credit billing numbers. The following Pause types are available:

Wait (W) The phone stops dialing until you press the Left Soft Key [Release] to advance to the following series of numbers.

2-Sec Pause (P) The phone waits two seconds before dialing the next string of digits.

1. From standby mode, enter the number, then press the Right Soft Key [Options].
2. Use the Directional Key to highlight **Add 2-Sec Pause** or **Add Wait**, then press OK.
3. Enter the additional number(s) (e.g., pin number, credit card number, etc.).
4. Press the Left Soft Key [Save].
5. Choose **Add New Contact/Update Existing**.
6. Choose **Mobile 1/ Home/ Business/ Mobile 2/ Fax**.
7. Continue entering information for the Contact entry as necessary.
8. Press OK to save.

Adding Another Phone Number

From standby mode

1. With the QWERTY keyboard open or closed, enter a phone number, then press the Left Soft Key [**Save**].
2. Use the Directional Key to highlight **Update Existing**, then press .
3. Use the Directional Key to highlight an existing entry, then press .
4. Use the Directional Key to highlight **Mobile 1/ Home/ Business/ Mobile 2/ Fax**, then press to save.

From the Contact List Screen

1. With the QWERTY keyboard open or closed, press the Right Soft Key [**Contacts**].
2. Use the Directional Key to highlight an entry, then press the Left Soft Key [**Edit**].
3. Use the Directional Key to highlight the phone number field to add. Then, enter the number and press to save.

Changing Saved Information

To edit any information you stored, access the Edit Contact screen:

1. From standby mode, press the Right Soft Key [**Contacts**].
2. Use the Directional Key to highlight a Contact entry, then press the Left Soft Key [**Edit**].
3. Use the Directional Key to highlight the field you want to change.
4. Make the changes, then press to save.

Adding a Pause to an Existing Contact Entry

1. From standby mode, press the Right Soft Key [**Contacts**].
2. Use the Directional Key to highlight a Contact entry, then press the Left Soft Key [**Edit**].
3. Use the Directional Key to highlight the number, then press the Right Soft Key [**Options**].

4. Press 3 def **Add 2-Sec Pause** or 4 ghi **Add Wait**.
5. Enter the additional number(s), then press OK.

Changing the Default Number

The default number is the phone number you first entered when you created the Contact. However, another number can be saved as the default number.

1. From standby mode, press the Right Soft Key [**Contacts**].
2. Use the Directional Key to highlight an entry.
3. Press the Left Soft Key [**Edit**].
4. Use the Directional Key to highlight a phone number, then press the Right Soft Key [**Options**].
5. Use the Directional Key to highlight **Set As Default**, then press OK.
6. Press OK **[Yes]** to confirm the new number as the default.

   A confirmation message is displayed.
7. Press OK again to save.

Deleting

Deleting a Contact Entry

1. From standby mode, press the Right Soft Key [**Contacts**].
2. Use the Directional Key to highlight an entry.
3. Press the Right Soft Key [**Options**].
4. Press 2abc **Erase**.
5. Press OK **[Yes]** to confirm.

Removing a Speed Dial

1. From standby mode, press the Right Soft Key [**Contacts**].
2. Use the Directional Key to highlight a Contact entry to edit and press OK **[VIEW]**.
3. Highlight the phone number with the Speed Dial, then press OK **[EDIT]**.

4. Press the Right Soft Key [Options].

5. Press 1 **Remove Speed Dial**.

6. Press OK **[Yes]** to confirm.

7. Press OK again to save.

Speed Dialing

Allows you to make phone calls quickly and easily to numbers stored in Contacts.

NOTE Speed Dial 1 is reserved for Voicemail.

Single Digit Speed Dials

Press and hold the Speed Dial digit. Your phone recalls the phone number from your Contacts, displays it, and dials it for you.

Multiple Digit Speed Dials

When you press and hold a number key, it signals the phone to call a Speed Dial. To dial Speed Dials with multiple digits, press the first digit(s), then press and hold the last digit. For example, to call Speed Dial 25, press 2, then press and hold 5.

NOTE You can also enter the Speed Dial digit(s), then press Send.

Preset Speed Dials

Speed Dials 95, 96, 97, 98, 99 and 411 are preset to access certain phone account information: 95 (#Warranty Center), 96 (#DATA), 97 (#BAL), 98 (#MIN), 99 (#PMT), and 411 (Directory Assistance). Unlike Speed Dial 1, these can be changed if you want.

Contacts

The Contacts menu allows you to store names, phone numbers and other information in your phone's memory.

SHORTCUT
Pressing the Right Soft Key [Contacts] is a shortcut to the Contact List.

1. New Contact

Allows you to add a new number to your Contact List.

NOTE Using this submenu, the number is saved as a new Contact, not into an existing Contact.

1. From standby mode, press [MENU].
2. Press 1 Contacts.
3. Press 1 New Contact.
4. Enter the name.
5. Press the Directional Key downward until the box of the phone number type you want is highlighted, then enter the number.
6. Press to save the entry.

2. Contact List

Allows you to view your Contact List.

1. From standby mode, press [MENU].
2. Press 1 Contacts.
3. Press 2abc Contact List.
4. Use the Directional Key to scroll through your Contacts alphabetically.
   - Press the Right Soft Key [Options] to select one of the following options: New Contact/ Erase/ New TXT Message/ New Picture Message/ New Voice Message/ Send Email/ Set As ICE Contact/ Call/ Manage Contacts/ Set As Favorite/ Search Entry Mode
   - Press the Left Soft Key [Edit] to edit.
   - Press [VIEW] to view the entry details.
   - Press to call the default number.

TIP

Use the **Go To** search field, for quick access to an entry without scrolling. For example, to go to "Vet", enter the letter V.

3. Backup Assistant

Backup Assistant safeguards your mobile phone's address book and automatically saves a copy of the names, phone numbers, and email addresses stored in your phone. You can also view, print, add, delete, and edit your Contacts online. If you lose, damage, or upgrade your phone, Backup Assistant will restore your Contact List to a new or replacement phone.

Additional fees may apply. See brochure for details.

NOTE To use the Backup Assistant service, you are required to activate the service from your phone.

1. From standby mode, press [MENU].
2. Press 1 **Contacts**.
3. Press 5 **Backup Assistant**.
4. Follow the instructions to download the application.

4. Favorites

Allows you to add Contact entries or Contact groups to your list of Favorites to easily view, call, or send messages.

SHORTCUT

Pressing the Function/Favorites Key FN with the QWERTY keyboard open, is a shortcut to the Favorites menu.

1. From standby mode, press [MENU].
2. Press 1 **Contacts**.
3. Press 4 **Favorites.**

TIP

You can add up to 10 Contacts and/or Contact groups as Favorites.

4. Press **[ADD]** to add a contact or group.
5. Select whether you want to add a favorite from your **Contacts** or **Group**.
6. Use the Directional Key to scroll through your Contacts or Groups and press **[MARK]** to select up to 10 entries.

7. Press the Left Soft Key [Done]. Once you have added Contacts to the Favorites list, the following options will become available in the Favorites menu:

- Press the Left Soft Key [View] to view Contact details.
- Press the Right Soft Key [Options] to select from the following options:

  Move Position/ Remove/ Remove All/ Set As ICE Contact

- Use the Directional Key to highlight a message function (**New Message/ View Messages/ Send Email**), then press .

NOTE **Send Email** displays only if the Contact includes an email address.

- Press to call the Contact's Default number.

NOTE Pressing does not call a Group Favorite. View the Group Contact, then highlight the Contact in the group you want to call.

5. Groups

Allows you to view your grouped Contacts, add a new group, change the name of a group, delete a group, or send a message to everyone in the selected group.

1. From standby mode, press [MENU].
2. Press 1 **Contacts**.
3. Press 5 **Groups**.
4. **View a Group**

   Use the Directional Key to highlight a group, then press [VIEW].

   Add a New Group

   Press the Left Soft Key [New] to add a new group to the list.

   Group Options

   Press the Right Soft Key [Options] to select one of the following options:

   New TXT Message/ New Picture Message/ New Voice Message/ Edit Group Name & ID/ Edit Members/ Erase Group/ Set As Favorite/ Search Entry Mode

6. Speed Dials

Allows you to view your list of Speed Dials or designate Speed Dials for numbers entered in your Contacts.

1. From standby mode, press [MENU].
2. Press 1 **Contacts**.
3. Press 5 **Speed Dials**.
4. Use the Directional Key to highlight the Speed Dial position, or enter the Speed Dial digit and press **[SET]**.
5. Use the Directional Key to highlight the Contact and press . (For Contacts with multiple numbers, highlight the number for the Speed Dial, then press .)
6. Press **[Yes]** to confirm. A confirmation message is displayed.

7. In Case of Emergency (ICE)

This menu allows you to store names, phone numbers and other information, which will be very helpful in case of emergency.

1. From standby mode, press [MENU].
2. Press 1 **Contacts**.
3. Press 7 **In Case of Emergency**.
4. Use the Directional Key to highlight **Contact 1**, **2**, or **3**, then press **[ADD]**.
5. Press 1 to add a Contact from your Contact List, highlight the Contact, then press .

   OR

   Press 2 to add a Contact from your Favorites List, highlight the Favorite Contact, then press .

   OR

   Press 3 to enter information not stored in your Contact List, then enter information as necessary.

6. The generic Contact label changes to the specified name.

Entering Your ICE Personal Info

1. From standby mode, press [MENU].
2. Press 1 **Contacts**.
3. Press 7pqrs **In Case of Emergency**.
4. Use the Directional Key to highlight **Personal Info**, then press **[VIEW]**.
5. Use the Directional Key to highlight one of the Note entries, then press **[ADD]**.
6. Enter information that would be helpful in an emergency (e.g., your medical record number), then press **[SAVE]**.

TIP
When you've assigned ICE Contacts and your phone is locked, the Left Soft Key appears as **[ICE]** to allow the emergency information to be viewed without unlocking the phone.

8. My Name Card

Allows you to create, edit, and view your own personal Contact information including name, phone numbers, and email address in one entry.

1. From standby mode, press [MENU].
2. Press 1 **Contacts**.
3. Press 8tuv **My Name Card**.
4. Press **[EDIT]** to enter your personal Contact information.
5. Use the Directional Key to scroll to the information field you want to enter.
6. Enter your information as necessary, then press **[SAVE]**.

NOTE Press the Right Soft Key **[Send]** to send your name card.

Messaging

SHORTCUT
From standby mode, pressing the Left Soft Key **[Message]** is a shortcut to your Messaging menu.

Depending on the content and size of your messages, the phone can store hundreds of messages (including a maximum of 300 text messages, 100 multimedia message notifications and 200 multimedia messages). Other limits to available characters per message may exist. Please check with your service provider for system features and capabilities.

New Message Alert

Your phone will alert you when you have new messages.

1. The phone displays a message on the screen.
2. The message icon ( ) is displayed on the screen. In the case of a high priority message, the icon ( ) will flash.

Viewing Text Messages on the LCD Screen

When you receive a text message, you can view it on the front LCD screen without opening the QWERTY keyboard.

1. Press to open and view the text message.
2. Press the Directional Key down to scroll through any text not displayed on screen, then press to exit the message.

Inbox View

By default, the Messaging menu stores all of your messages in one Messages folder sorted by address. You can choose to store your messages by time received, which sorts messages into separate Inbox and Sent folders instead. Changing the Inbox View setting from **Contact** to **Time** affects available messaging options and Messaging sub-menu (numbering) access.

NOTE Instructional steps in this Messaging section assumes that the Inbox View setting is set to **Contact**.

1. New Message

Allows you to send messages (Text, Picture, and Voice). Each message can have multiple destination addresses and can contain various items of information. These are dependent upon the type of message you want to send.

1.1 TXT Message

The Basics of Sending a Text Message

1. From standby mode, slide open the QWERTY keyboard and select **Messaging**.
2. Press 1 ! **New Message**.
3. Press 1 ! **TXT Message**.
4. Enter the phone number of the recipient or the email address for an email message. You can enter up to 20 addresses for a single message.
5. Press the Directional Key ▼ downward.
6. Type your message in the text field.
7. Press OK [**SEND**].

Using Messaging Options

- Editing the **To**: field

1. With the cursor in the **To** field press the Right Soft Key — [**Add**].
2. Select from the following add option(s):

   From Contacts/ From Recent Calls/ Favorites/ Groups/ Social Networks

- **Editing Text**

1. With the **Text** field highlighted, press the Right Soft Key — [**Options**].
2. Select from the following option(s):

   Insert Quick Text Allows you to add Quick Text phrases in your message.

   Save As Draft Saves the message into the Drafts folder.

   Add Allows you to add Graphic, Animation, Sound, Name Card, or Contact Number/Email.

Copy Text Allows you to copy text.

Paste Allows you to paste the text you last copied into a text field.

Format Text Allows you to change the look of the text.

Alignment/ Font Size/ Font Style/ Text Color/ Background

Priority Level Gives priority to the message.
High/ Normal

Callback # Inserts a pre-programmed callback number with your message.
On/ Off/ Edit

Save As Quick Text Allows you to save the message as a Quick Text phrase.

Cancel Message Cancels message editing and goes to the previous menu.

3. Complete and then send or save the message.

Using Contacts to Send a Message

You can designate an entry saved in your Contacts as the address instead of manually entering the destination.

1. From standby mode, slide open the QWERTY keyboard and select **Messaging**.
2. Press 1 ! **New Message**.
3. Press 1 ! **TXT Message**.
4. Press the Right Soft Key — [**Add**].
5. Use the Directional Key to highlight **From Contacts** and press OK.
6. Use the Directional Key to highlight the Contact entry containing the destination and press OK to mark the contact.
7. Press the Left Soft Key — [**Done**].

NOTE The Address feature allows a maximum of 20 total addresses.

8. Complete the message as necessary.

1.2 Picture Message

The Basics of Sending a Picture Message

1. From standby mode, slide open the QWERTY keyboard and select **Messaging**.
2. Highlight **New Message** and press OK.
3. Press 2@ **Picture Message**.
4. Enter the phone number or email address of the recipient.
5. Press the Directional Key downward to access the Text field.
6. Type your message in the text field.
7. Use the Directional Key to highlight the **Picture** field, then press the Left Soft Key **[My Pics]**. Use the Directional Key to select the image you want to send, then press OK.
8. Use the Directional Key to highlight the **Sound** field, then press the Left Soft Key **[Sounds]**. Use the Directional Key to highlight the audio file you want to send then press OK.
9. Use the Directional Key to highlight the **Name Card** field, then press the Left Soft Key **[Add]**. Use the Directional Key to choose **My Name Card** or **From Contacts** and select an entry.
10. Use the Directional Key to highlight the **Subject** field, then enter the subject.
11. Press OK **[SEND]**.

- Editing the **To**: field

1. With the cursor in the **To**: field, press the Right Soft Key **[Add]**.
2. Select from the following add option(s):

   From Contacts/From Recent Calls/Favorites/Groups/To Online Album/Social Networks

- **Editing Text**

1. With the **Text** field highlighted, press the Right Soft Key **[Options]**.
2. Select from the following option(s):

Preview Displays the Picture message as it would be seen by the recipient.

Save As Draft Saves the message into the Drafts folder.

Insert Quick Text Allows you to add Quick Text phrases in your message.

Copy Text Allows you to copy text.

Paste Allows you to paste the text you last copied into a text field.

Add Slide Insert multiple pictures into a picture message.

Priority Level Gives priority to the message.
High/ Normal

Callback # Inserts a pre-programmed callback number with your message.
On/ Off/ Edit

Cancel Message Cancels message editing and goes to the New Message menu.

- **Editing Picture**

1. With the **Picture** field highlighted, press the Right Soft Key [**Options**].
2. Select from the following option(s):
Preview/ Save As Draft/ Add Slide/ Priority Level/ Remove Picture/ Cancel Message

- **Editing Sound**

1. With the **Sound** field highlighted, press the Right Soft Key [**Options**].
2. Select from the following option(s):
Preview/ Save As Draft/ Add Slide/ Priority Level/ Remove Sound/ Cancel Message

- **Editing Name Card**

1. With the **Name** Card field highlighted, press the Right Soft Key [**Options**].
2. Select from the following option(s):
Preview/ Save As Draft/ Add Slide/ Priority Level/ Remove Name Card/ Cancel Message

- **Editing a Subject**

1. With the **Subject** field highlighted, press the Right Soft Key [**Options**].
2. Select from the following option(s):
   Preview/ Save As Draft/ Insert Quick Text/ Copy Text/ Paste/ Add Slide/ Priority Level/ Cancel Message

1.3 Voice Message

The Basics of Sending a Voice Message

1. From standby mode, slide open the QWERTY keyboard and select **Messaging**.
2. Highlight **New Message** and press OK.
3. Press 3# **Voice Message**.
4. Press OK to start recording.
5. Record your voice message.
6. Press OK to end the recording.
7. Enter the phone number or email address of the recipient.
8. Press the Directional Key downward twice to access the Text field.
9. Type your message.
10. Use the Directional Key to highlight the **Name Card** field, then press the Left Soft Key [**Add**]. Use the Directional Key to choose **My Name Card** or **From Contacts** and select an entry.
11. Use the Directional Key to highlight the **Subject** field, then enter the subject.
12. Press OK [**SEND**].

    After a connecting display, message is transmitted.

2. Messages

When your phone receives a message, you are alerted by:

- A notification message on the screen.
- An alert tone and/or vibration, depending on your volume settings.

If you don't respond to the notification within a few minutes, the notification message disappears and the New Message icon is displayed on the Notification bar instead (indicates a high priority message).

Inbox View

By default, all your messages are in one Messages folder. Change the Inbox View setting to **Time** to sort your messages into separate Inbox and Sent folders instead. Changing this setting affects available messaging options and Messaging sub-menu (numbering) access.

NOTE The following instructional steps assume that the Inbox View setting is set to **Contact**.

To change the Inbox View:

1. From standby mode, press **[MENU]** and then **Messaging**.
2. Press the Left Soft Key **[Settings]**.
3. Press **Inbox View** then highlight a setting.

   Time/ Contact

4. Press to save the setting.

Viewing Your Messages

1. From standby mode, press the Left Soft Key **[Message]**.

NOTE You can select a message entry if you set **INBOX VIEW to TIME**.

2. Options available for a received message depend on your Inbox View setting.

Inbox View sorted by Contact:

- Press the Left Soft Key **[Reply]** to reply to the sender.
- Press **[OPEN]** to view the message.
- Press the Right Soft Key **[Options]** to select from the following options:

  Erase/ Add To Contacts/ Manage Messages/ Sort Alphabetically/ Messaging Menu/ Settings

Inbox View sorted by Time:

- Press the Left Soft Key **[Erase]** to erase the message.
- Press **[OPEN]** to view the message.
- Press the Right Soft Key **[Options]** to select from the following options:

  Reply/ Reply With Copy/ Forward/ Add To Contacts/ Extract Addresses/ Sort By Sender/ Settings/ Manage Inbox/ Message Info

Message Icon Reference

- New/Unread TXT Message
- Opened/Read TXT Message
- New/Unread Multimedia Message
- Open/Read Multimedia Message
- Text/Picture Messages sent
- Message delivered
- Text/Picture Message failed
- Message pending
- Multiple Messages sent
- Multiple Messages delivered
- Multiple Messages failed
- Multiple Messages incomplete
- High Priority
- Locked

3. Drafts

Displays draft messages.

1. From standby mode, press **[MENU]** and then **Messaging**.
2. Press **Drafts**.

NOTE Press if Inbox View is set to **Time**.

3. Highlight a message. The following options are available:

- Press [EDIT] to continue editing the message.
- Press the Left Soft Key [Erase].
- Press the Right Soft Key [Options] for the options below.

Send Sends the selected message.

Add To Contacts Stores the callback number, email address, and numbers from the address included in the message into your Contacts.

Manage Drafts Allows you to manage (erase, lock, or unlock) messages.

Message Icon Reference

Draft Text Message

Draft Multimedia Message

4. Voicemail

Allows you to view the number of new voice messages recorded in the Voicemail box.

Checking Your Voicemail Box

1. From standby mode, press [MENU] and then 2abc Messaging.
2. Press 4ghi Voicemail.

NOTE Press 5jkl if Inbox View is set to Time.

3. The following options are available:

- Press the Left Soft Key [Clear] to delete information, and then press [Yes].
- Press or [CALL] to listen to the message(s).

OR

1. Dial *86 (*VM) by pressing *+, 8tuv, 6mno, then from your phone or dial your wireless phone number from any touch-tone phone.

2. When the recorded announcement begins, press # to interrupt (if applicable).
3. When prompted, enter your password, then press # .

5. Mobile Email

1. From standby mode, press OK [MENU] and then 2abc Messaging.
2. Press 5jkl Mobile Email.

NOTE Press 6mno if Inbox View is set to Time.

3. Accept the terms of service.
4. Highlight an email provider and press OK.
5. Enter your email address and password.

6. Social Networks

The upgraded text-based social networks allows you to update your status, send messages, upload pictures, and write on someone's wall by sending a text message.

1. From standby mode, press OK [MENU] and then 2abc Messaging.
2. Press 6mno Social Networks.

NOTE Press 7pqrs if Inbox View is set to Time.
Social Network(Facebook, Twitter, MySpace) is supported by multiple languages (English, Spanish, Simplified Chinese or Korean).

3. Select one of the social networking service providers.
4. Update your information as desired.

NOTE Press the Right Soft Key [Help] to find out how to subscribe to text-based updates.

Messaging Settings

Allows you to configure settings for your messages.

1. From standby mode, press OK [MENU] and then 2abc Messaging.
2. Press the Left Soft Key [Settings].
3. Use the Directional Key to highlight one of the settings and press OK to select it.

Message Settings Sub-Menu Descriptions

1. Inbox View

Select **Time** to display messages chronologically in Inbox and Sent folders. Select **Contact** to sort all messages alphabetically by address in one message folder.

2. Entry Mode

Select **T9 Word**, **Abc**, **ABC**, **123, T9 Palabra, Simplified Chinese** or **Korean** be your default input method.

3. Auto Save Sent

Select **On** to automatically save your Sent messages.
Select **Off if** you don't want to save automatically.
Select **Prompt** to be asked to save.

4. Auto Erase Inbox

Select **On** to automatically delete read messages when you exceed the storage limit. Or, select **Off**.

5. Messaging Font Size

Select **Small, Normal** or **Large** for the size of the Messaging characters.

6. TXT Auto View

Select **On** to automatically display message content on the screen. Select **On + Readout** to automatically display content and read it aloud Select **Off** for more security and privacy by requiring the message to be opened to view it.

7. TXT Instant Reply

Select **On** to reply instantly when you received a new text message. Or, select **Off**.

8. TXT Auto Scroll

Select **On** to automatically scroll text down while viewing messages. Or, select **Off**.

9. Multimedia Auto Receive

Select **On** to automatically download attachments to Multimedia messages. Or, select **Off**.

10. Quick Text

Displays your list of Quick Text phrases to help you to reduce manual input into messages. Use this submenu to edit and add text.

11. Emergency Alert

Set your configuration for receiving emergency alerts. This menu has three options : Receive Alerts/ Alert Reminder/ Alert Vibrate

12. Voicemail #

Allows you to manually enter the access number for Voicemail Service. This number should be only used when a VMS (Voicemail Service) access number is not provided by the network.

13. Callback #

Select **On** to automatically send a designated callback number with your messages. Or, select **Off**.

14. Signature

Select **Custom** to create/edit a signature to automatically send with your messages. Select **None** for no signature.

15. Delivery Receipt

When Delivery Receipt is set to **On**, you can see if your sent messages have been delivered ( ).

Erasing Messages

Allows you to erase messages stored in your phone's memory. Depending on your Inbox View setting, you can selectively erase all messages in Messages, Inbox, Sent or Drafts. Or, you can erase all messages in all folders at the same time.

1. From standby mode, press **[MENU]** and then **Messaging**.
2. Press the Right Soft Key **[Options]** and select one of the following:
   Erase Sent/Received/ Erase Drafts/ Erase All Messages
3. Press to erase the messages selected.
4. Press to confirm the deletion. A confirmation message is displayed.

Recent Calls

The Recent Calls menu is a list of the last phone numbers or Contact entries for calls you placed, accepted, or missed. It's continually updated as new numbers are added to the beginning of the list and the oldest entries are removed from the bottom of the list.

1. Missed

Allows you to view the list of missed calls; up to 90 entries.

1. From standby mode, press [MENU].
2. Press 3 def **Recent Calls**.
3. Press 1 **Missed**.
4. Use the Directional Key to highlight an entry, then
   - Press [OPEN] to view the entry.
   - Press to place a call to the number.
   - Press the Right Soft Key [Options] to select from the following options: **Save To Contacts (Contact Info)/ Erase/ Lock(Unlock)/ Erase All/ View Timers**
   - Press the Left Soft Key [Message] to select from the following options: **TXT Message/ Picture Message/ Voice Message**

2. Received

Allows you to view the list of incoming calls; up to 90 entries.

1. From standby mode, press [MENU].
2. Press 3 def **Recent Calls**.
3. Press 2 abc **Received**.
4. Use the Directional Key to highlight an entry, then
   - Press [OPEN] to view the entry.
   - Press to place a call to the number.

- Press the Right Soft Key [Options] to select from the following options:
  Save To Contacts (Contact Info)/ Erase/ Lock(Unlock)/ Erase All/ View Timers
- Press the Left Soft Key [Message] to select from the following options:
  TXT Message/ Picture Message/ Voice Message

3. Dialed

Allows you to view the list of outgoing calls; up to 90 entries.

1. From standby mode, press [MENU].
2. Press 3 def **Recent Calls**.
3. Press 3 def **Dialed**.
4. Use the Directional Key to highlight an entry, then
   - Press [OPEN] to view the entry.
   - Press to place a call to the number.

- Press the Right Soft Key [Options] to select from the following options:
  Save to Contacts(Contact Info)/ Erase/ Lock(Unlock)/ Erase All/ View Timers
- Press the Left Soft Key [Message] to select from the following options:
  TXT Message/ Picture Message/ Voice Message

4. All

Allows you to view the list of all calls; up to 270 entries.

SHORTCUT
To view a quick list of all your recent calls, press from standby mode.

1. From standby mode, press [MENU].
2. Press 3 def **Recent Calls**.
3. Press 4 ghi **All**.
4. Use the Directional Key to highlight an entry, then
   - Press [OPEN] to view the entry.

- Press to place a call to the number.
- Press the Right Soft Key [**Options**] to select from the following options:
  Save to Contacts(Contact Info)/ Erase/ Lock(Unlock)/ Erase All/ View Timers
- Press the Left Soft Key [**Message**] to select from the following options:
  TXT Message/ Picture Message/ Voice Message

5. View Timers

Allows you to view the duration of selected calls.

1. From standby mode, press [**MENU**].
2. Press **Recent Calls**.
3. Press **View Timers**.
4. Use the Directional Key to highlight a call list.

   Last Call/ All Calls/ Received Calls/ Dialed Calls/ Roaming Calls/ Transmit Data/ Received Data/ Total Data/ Last Reset/ Lifetime Calls/ Lifetime Data Counter
5. Press the Left Soft Key [**Reset**] to reset the highlighted timer.
6. Reset all the recorded timers by pressing the Right Soft Key [**Reset All**].

NOTE Lifetime Calls and Lifetime Data Counter cannot be reset.

Mobile Web

The Browser feature allows you to access news, sports, weather and email from your Verizon Wireless device. Access and selections within this feature are dependent upon your service provider. For specific information on Mobile Web access through your phone, contact your service provider

1. Mobile Web

1. From standby mode, press [MENU].
2. Press 4 ghi **Mobile Web**.

NOTE Standard mobile rates apply. Check with your service provider for details.

NOTE Refer to the Media Center section on the following page for more Browser information.

Media Center

Media Center allows you to do more than just talk on your phone. Media Center is a technology and service that allows you to download and use applications on your phone. With Media Center, it's quick and easy to personalize your phone to your lifestyle and tastes. Just download the applications that appeal to you. With a wide range of software available, you can be assured that you can find something useful, practical, or entertaining.

From the Media Center menu, press the Right Soft Key [Info] to see your memory status.

1. Apps

This menu allows you to download apps from Media Center.

1. From standby mode, press [MENU].
2. Press 5 Media Center.
3. Press 1 Apps.

2. Search

This menu allows you to search the web.

1. From standby mode, press [MENU].
2. Press 5 Media Center.
3. Press 2 Search.

3. Mobile Web

The Mobile Web feature allows you to access news, sports, weather and email from your Verizon Wireless device. Access and selections within this feature are dependent upon your service provider. For specific information on Mobile Web through your phone, contact your service provider.

SHORTCUT

Pressing the Directional Key while in standby mode is a shortcut to Mobile Web.

1. From standby mode, press [MENU].
2. Press 4 Mobile Web.

   OR

   Press 5 Media Center, then press 5 Mobile Web.

Ending a Browser Session

End a Browser session by pressing .

Navigating Through the Browser

On-screen items appear in one of the following ways:

- **Numbered options**

  You can use your numeric keypad or you can select the items by moving the cursor and pressing the appropriate Soft Keys.

- **Links embedded in content**

  You can act on the options or the links using the Soft Keys just below the display screen.

- **Text or numbers**

  You can select the items by moving the cursor and pressing the appropriate Soft Keys.

Scrolling

Use the Directional Key .
A cursor lets you know which item is currently selected.

Fast Scrolling

Press and hold the Directional Key to quickly move the cursor up and down on the current screen.

Scrolling by Page

Press the Volume Keys to move up and down a page at a time.

Home Page

Press the Right Soft Key **[Menu]** and select **1. VZW Home** to go to the Home Page.

View Browser Menu

Press the Right Soft Key **[Menu]** to display the Browser menu.

Soft Keys

To navigate to different screens or select special functions, use the Soft Keys. The function associated with the Soft Keys can change for each page and depends on each highlighted item.

Left Soft Key

The Left Soft Key is used primarily for options or selecting an item but its function may change, depending on the content displayed.

Right Soft Key

The Right Soft Key is used primarily for secondary options or a menu of secondary options.

Entering Text, Numbers, or Symbols

When prompted to enter text, the current text entry method appears above the Right Soft Key as **ABC, Sym, 123, Emoticons, WORD, Korean** or **Simplified Chinese**.

To change the input mode, press the Right Soft Key . To create an upper case character, press when using the external keypad, or when using the internal keyboard.

Deleting Text/Number Entered

When entering text or numbers, press CLR to clear the last number, letter, or symbol. Press and hold CLR to clear the input field completely.

Initiating a Phone Call From the Browser

You can make a phone call from the Browser if the site you are using supports the feature (the phone number may be highlighted and the Left Soft Key appears as **Select**). The browser connection is terminated when you initiate the call. After you end the call, your phone returns to the screen from which you initiated the call.

4. Music & Tones

Personalize your phone with ringtones. A wide variety of choices are available, such as current hits, pop, hip-hop, and more.

Access and Options

1. From standby mode, press [MENU].
2. Press 5 **Media Center.**
3. Press 4 **Music & Tones.**
4. Select a submenu by pressing the number that corresponds with the submenu.

4.1 My Ringtones

Allows you to select a desired ringtone or download a new ringtone.

1. From standby mode, press [MENU].
2. Press 5 Media Center.
3. Press 4 Music & Tones.
4. Press 1 My Ringtones.
5. Use the Directional Key to highlight a ringtone and press [PLAY] to preview the ringtone. You can also press the Left Soft Key [Set As] for the following options.

- 1 **Ringtone:** Sets the selected sound as your phone's default ringtone.
- 2 **Contact ID**: Highlight and select the Contact to be identified by the ringtone you selected.
- 3 **Alert Sounds**: Press the corresponding number key to set the ringtone for one of the following:

All Messages/ TXT Message/ Multimedia Message/ Voicemail

TIP Player Volume Adjustment

While using My Ringtones, press the Volume Keys to temporarily set the player volume (the setting reverts to low after you exit). Use the Directional Key to adjust the volume and press [SET] (changes to this setting will not affect the Master Volume level set for your device).

High/ Medium High/ Medium/ Medium Low/ Low/ Off

4.2 My Music

Allows you to listen to desired music. Supported formats are MP3 and WMA.

1. From standby mode, press [MENU].
2. Press 5 Media Center.
3. Press 4 Music & Tones.
4. Press 2 My Music.

4.3 My Sounds

Allows you to record a new sound or select a desired sound.

How to record a new sound

1. From standby mode, press [MENU].
2. Press 5 **Media Center.**
3. Press 4 **Music & Tones.**
4. Press 3 **My Sounds.**
5. Press 1 **Record New** and press to start recording, then press again to stop.

How to select a sound

1. From standby mode, press [MENU].
2. Press 5 **Media Center.**
3. Press 4 **Music & Tones.**
4. Press 3 **My Sounds.**
5. Use the Directional Key to scroll and highlight a sound file.

   The following options are available:

- Press the Left Soft Key **[Set As].**

  1 **Ringtone**: Sets the selected sound as your phone's default ringtone.

  2 **Contact ID**: Scroll and select the Contact to be identified by the sound you selected.

  3 **Alert Sounds**: Press the corresponding number key to set the sound for one of the following:

  All Messages/ TXT Message/ Multimedia Message/ Voicemail

- Press **[PLAY]** to preview the sound.
- Press the Right Soft Key **[Options]** to select from one of the following options:

  Send/ Send via Email/ To Online Album/ Rename/ Move/ Lock(Unlock)/ Erase/ Erase All/ File Info

5. Pictures

View, take, and share digital pictures right from your wireless phone.

Access and Options

1. From standby mode, press [MENU].
2. Press 5 Media Center.
3. Press 5 Pictures.
4. Select a submenu.

5.1 My Pictures

Allows you to view and manage photos stored in the phone.

1. From standby mode, press [MENU].
2. Press 5 Media Center.
3. Press 5 Pictures.
4. Press 1 My Pictures.
5. Highlight a picture with the Directional Key.
6. The following options are available.

- Press [VIEW] to view it.
- Press the Left Soft Key [Erase] to delete it.
- Press the Right Soft Key [Options] to select one of the following options:

  Send Picture Message/ To Online Album/ To Social Network/ Send via Email/ Via Bluetooth

  Set As Wallpaper/ Picture ID

  Take Picture Turns on the camera function.

  Slide Show Plays all pictures as a slide show.

  Manage Pictures Allows you to mark multiple pictures to be erased, moved, sent or locked/ unlocked.

  Rename Allows you to change the file name.

  *Lock (Unlock) Allows you to lock or unlock images. Locked pictures can't be erased accidentally.

  File Info Name/ Date/ Time/ Resolution/ Size

* Only appears when the picture is stored on the phone.

Editing a Picture

You can selectively zoom, crop, and rotate your pictures.

1. Access My pictures, then use the Directional Key to highlight a picture.
2. Press [View], then press the Right Soft Key [Options].
3. Press Edit.
4. Use the Directional Key to select an edit option.

ZOOM

Press the Right Soft Key [IN] to zoom in or the Left Soft Key [OUT] to zoom out. When you are done adjusting the zoom, press [DONE].

ROTATE

Press the Right Soft Key to turn the picture clockwise or Left Soft Key to turn the picture counter-clockwise, then press [DONE].

CROP

- To crop to wallpaper size, press the Right Soft Key [Wallpaper].
- To change the size, use the Directional Key. Press up/down to crop height, and left/right to crop width.
- To move the crop box, press the Left Soft Key [Move], then use the Directional Keys to reposition.
- When finished cropping, press [DONE].

5. When you are done editing the picture, press the Left Soft Key [SAVE] if you want to save the change(s).

5.2 Take Picture

Lets you to take digital pictures. Your phone has improved picture quality for low lighting shots when you set the Noise Reduction setting to **On**.

1. From standby mode, press [MENU].
2. Press 5 Media Center.
3. Press 5 Pictures.
4. Press 2 Take Picture.

5. Set the brightness by pressing the Directional Key up and down , zoom by pressing the Directional Key left and right , and press the Right Soft Key **[Options]** to change other settings.

NOTE Zoom is not available if the Resolution is set to 1280X960.

- Select from the following option(s) to customize:

  RESOLUTION 1280X960/ 640X480/ 320X240

  SELF TIMER Off/ 3 Seconds/ 5 Seconds/ 10 Seconds

  WHITE BALANCE Auto/ Sunny/ Cloudy/ Fluorescent/ Glow

  SHUTTER SOUND Shutter/ No Sound /Say "Cheese"/ Ready! 1 2 3

  COLOR EFFECTS Normal/ Negative/ Aqua/ Sepia/ Black&White

  NIGHT MODE On/ Off

  NOISE REDUCTION On/ Off Turning this setting On provides improved picture quality in lowlighting shots.

  AUTO SAVE On/Off

  SAVE OPTION Internal/ External

6. Take a picture by pressing [TAKE].

7. Press the Left Soft Key **[Save]**. The picture is stored in My Pictures.

Taking pictures with the slide closed

1. Unlock the front LCD.

2. Press the Camera Key on the right side of the phone.

NOTE The Camera feature is oriented horizontally and activates the external Soft Keys that are used with the QWERTY keyboard. You can take a picture holding the camera horizontally or vertically.

3. Set camera options as needed by pressing the Right Soft Key **[Options]**, then press the Camera Key to take the picture.

- Press the Right Soft Key **[Erase]**.
- Press the Left Soft Key **[Save]**.

- Press [SEND].
- Press CLR to exit.

5.3 Online Album

Use to access the Online Album (PIX Place).

1. From standby mode, press [MENU].
2. Press 5 Media Center.
3. Press 5 Pictures.
4. Press 3 Online Album.
5. Login using your mobile number and password, as applicable.

Mobile Email

Allows you to send an email via Mobile Web. You can also send and receive emails through the Mobile Email application after downloading the application.

1. Mobile Email

1. From standby mode, press [MENU].
2. Press 6 Mobile Email.
3. Follow the prompts to set up your account(s).

NOTE Depending on your provider, a monthly service may be required.

Apps

Everything you need to know while you're on the go.

1. From standby mode, press [MENU].
2. Press 7 pqrs Apps.
3. Select **SHOP APPS** or highlight an application using the Directional Key, then press .

- Backup Assistant
- Bing
- City ID
- Daily Scoop
- Mobile Email
- Tetris
- UNO
- VCAST TONES

City ID

City ID is an enhanced Caller ID feature on select Verizon Wireless handsets that automatically displays the city and state of every wireless call received. City ID reads the area code and local exchange of an incoming call and displays the location associated with that number. City ID includes over 20,000 cities, towns and neighborhoods in North America and over 200 country codes from around the world - providing mobile subscribers with a remarkably accurate tool to help identify incoming callers. City ID enabled handsets also feature outgoing and call log identification which displays the city and state of outgoing calls as well as calls within the handset's call history. City ID is a feature with a free trial that works automatically - displaying the city and state with the very first incoming phone call.

After the free trial period, subscribers will receive a message to purchase the application. The subscriber is then presented with purchase options available. If after purchasing City ID a subscriber decides to cancel the application, the subscriber can follow the standard Media Center process to cancel a subscription.

To purchase City ID

1. Press [MENU].
2. Press 7pqrs Apps.
3. Scroll and select **City ID**.
4. A screen describing City ID will be displayed. You will be asked if you want to purchase City ID. Select **Yes**.
5. The application then downloads and installs. After it successfully installs, select **Yes** to run City ID or **No** to return to the Apps Menu.
6. Press end to exit.

Backup Assistant

Backup Assistant safeguards your mobile phone's address book and automatically saves a copy of the names, phone numbers, and email addresses stored in your phone. See page 29 for additional details.

Bing Search

The Bing Search application provides Verizon Wireless subscribers with a superior, comprehensive mobile search experience that includes highly relevant search results from top quality content sources and results from VZW content downloadable catalogs, Web/WAP and Local Points of Interest.

Mobile Email

Mobile Email is an application downloadable from the Apps menu. Don't miss an important email. Thanks to Mobile Email, you can get your emails on your phone while you're on the go.

Mobile Email works with many providers, including Yahoo!, AOL, Verizon.net and others. Get alerts from your phone when new email has arrived.

Additional fees may apply.

My Pictures

View, take, and share digital pictures right from your wireless phone. See page 54 for more details.

Settings & Tools

1. My Verizon

Check your subscription information ranging from your payment plan to your software upgrade or other available service.

1. From standby mode, press [MENU].
2. Press 9wxyz **Settings & Tools**.
3. Press 1 **My Verizon**.

SHORTCUT
Pressing the Directional Key left is the shorcut to accessing My Verizon from standby mode.

2. Master Volume

Allows you to set the Master Volume settings.

1. From standby mode, press [MENU].
2. Press 9wxyz **Settings & Tools**.
3. Press 2abc **Master Volume**.
4. Adjust the volume with the Directional Key then press to save the setting.

3. Tools

Your phone tools include Voice Commands, Calculator, Ez Tip Calculator, Calendar, To Do List, Alarm Clock, Info Search, Stopwatch, World Clock, Notepad, Document Viewer and USB Mass Storage.

1. From standby mode, press [MENU].
2. Press 9wxyz **Settings & Tools**.
3. Press 3def **Tools**.

3.1 Voice Commands

This feature provides you with the following options equipped with AVC (Advanced Voice Commands) technology. Each option has its detailed information on the phone and you can check it out by pressing the Left Soft Key [Info].

1. From standby mode, press [MENU].
2. Press 9wxyz **Settings & Tools**.
3. Press 3def **Tools**.
4. Press 1 **Voice Commands**.

SHORTCUT From standby mode, press CLR to access Voice Commands.

The Voice Commands feature has several settings which allow you to customize how you want to use it. Access Voice Commands, then press the Right Soft Key [Settings].

Confirm Choices **Automatic/ Always Confirm/ Never Confirm**

Sensitivity Adjust the sensitivity to **More Sensitive/ Automatic/ Less Sensitive.**

Adapt Voice If the phone asks you to repeat your voice command too often, train the phone to recognize your voice patterns. Choose from **Train Words/ Train Digits**

Prompts

Mode: Prompts/ Readout + Alerts/ Readout/ Tones Only

Audio Playback: Speakerphone/ Earpiece

Timeout: 5 seconds/ 10 seconds

Clear Key Activation **On/ Off**

3.1.1 Call <Name or Number>

Say "Call" and then call someone simply by saying the name or phone number. Please speak clearly and say the name or number exactly as it is entered in your Contact List. When the contact has more than one number, you can state the name and number type of the contact (for example, 'Call John Business').

3.1.2 Send Msg to <Name or Number or Group>

Say "Send Message" and the command will prompt you for the type of message. After choosing the message type, you will be prompted for the contact name, number or group. It will automatically start a message. When using 'Send Message' command, speak clearly and say the name, number or group exactly as it is entered in your Contact List.

3.1.3 Go to <Menu>

The 'Go to' command allows you to access a menu within the phone (for example, 'Go to Calendar'). If no menu option is stated, a list of options will be provided.

3.1.4 Check <Item>

The 'Check' command allows you to check out a wide range of items such as Phone Status, Voicemail, Messages, Missed Calls, Time, Signal Strength, Battery Level, Volume, Balance, Minutes, Payment, and My Number.

3.1.5 Contacts <Name>

You can look up names in your Contacts (for example, 'Lookup John') as well as manage your Contact List including creating, erasing or modifying.
Call/ Read out/ Create New/ Modify/ Erase

3.1.6 Search

The 'Search' command activates Bing, an application that allows you to search for information over the internet. You may need to download and install Bing first, before using this Voice Command function.

3.1.7 Redial

Allows you to automatically redial the last number called.

3.1.8 Play

Allows you to play songs stating 'Play All Songs', 'Play Last song'. To play individual music files, say 'Play' and the command system will prompt you for the title of the song.

3.1.9 My Verizon

The 'My Verizon' command provides you with direct access to your Verizon Wireless account information.

3.1.10 Help

Provides a general guideline to using Voice Commands.

3.2 Calculator

Allows you to perform simple mathematical calculations.

1. From standby mode, press [MENU].
2. Press 5 Settings & Tools.
3. Press 3 Tools.

4. Press 2abc **Calculator**.

5. Enter the numbers to get the value you want. To cancel a number, press the Left Soft Key [**Clear**].

6. Use the Right Soft Key [**Operators**] to add any of the following operators:

   ( )/ sin/ cos/ tan/ log/ ln/ exp/ X^2/ x^y/sqrt/deg/ rad

7. Use the Directional Key to enter operators between numbers and press [=] for the result.

NOTE To insert a decimal, press *. To insert +/-, press #.

3.3 Ez Tip Calculator

Allows you to quickly and easily calculate bill amounts using the bill total, tip % and number of people as variables.

1. From standby mode, press [**MENU**].
2. Press 9wxyz **Settings & Tools**.
3. Press 3def **Tools**.
4. Press 3def **Ez Tip Calculator**.
5. Enter the variable fields (**Total Bill**, **Tip (%)**, **Split**) and the corresponding calculation fields (**TIP ($)** and **Each**) appear automatically.
6. Press the Left Soft Key [**Reset**] for another calculation.

3.4 Calendar

Allows you to keep your agenda convenient and easy to access. Simply store your appointments and your phone will alert you with a reminder you set.

1. From standby mode, press [**MENU**].
2. Press 9wxyz **Settings & Tools**.
3. Press 3def **Tools**.
4. Press 4ghi **Calendar**.
5. Use the Directional Key to highlight the scheduled day.

   Left : Previous Day

   Right : Next Day

   Up : Previous Week

   Down : Next Week

6. Press the Left Soft Key [**Add**].

7. Enter the **Subject**, then scroll down to set the remaining settings.
8. Highlight a Calendar setting field, then press the Left Soft Key [**Set**]. For each Calendar event you can set the following:
   - Start Date
   - Start Time
   - End Date
   - End Time
   - Repeat
   - Until
   - Alerts
   - Tones
   - Vibrate
9. Use the Directional Key to highlight the setting you want, then press OK.
10. Press OK [**SAVE**] when Calendar information is complete.

3.5 To Do List

Allows you to create a To Do list.

1. From standby mode, press OK [**MENU**].
2. Press 5 **Settings & Tools**.
3. Press 5 **Tools**.
4. Press 5 **To Do List**.
5. Press the Left Soft Key [**Add**].
6. Enter the **Subject**.
7. Highlight the **Due Date** field, then press the Left Soft Key [**Date**]. Use the keypad to enter the date. Press the Right Soft Key [**More**] for the following options:
   - Start Date
   - Due Date
   - Priority
   - Alert
   - Alert Date
   - Alert Time
   - Tones
8. Press OK [**SAVE**].

Managing your To Do tasks

1. Access your To Do list, then press the Right Soft Key [**Options**].

- **Edit**: Allows you to make changes to the task.
- **Mark as Done**: Indicates completed task (red checkmark).
- **By Priority**: Sorts list by Due Date or by Priority.
- **Erase**: Erases selected task.
- **Erase Done**: Erases all completed tasks.
- **Erase All:** Erases all tasks.

3.6 Alarm Clock

Allows you to add up to ten alarms. At the alarm time, any set alarm will be displayed on the LCD screen and the alarm will sound.

1. From standby mode, press [MENU].
2. Press **Settings & Tools**.
3. Press **Tools**.
4. Press **Alarm Clock**.
5. Press the Left Soft Key [Add].
6. Enter the alarm information by using the Directional Key to highlight the information you want to set including:
   - Turn On/Off
   - Set Time
   - Repeat
   - Ringtone
7. Press the Left Soft Key [Set] to view each setting, adjust as needed, then press .
8. Press [SAVE] after setting all of the Alarm fields as necessary.

3.7 Info Search

You can search your personal information stored on the phone.

1. From standby mode, press [MENU].
2. Press **Settings & Tools**.
3. Press **Tools**.
4. Press **Info Search**.
5. Enter the text you want to find in your phone, then press .

3.8 Stopwatch

Allows you to use your phone as a typical stopwatch.

1. From standby mode, press [MENU].
2. Press **Settings & Tools**.
3. Press **Tools**.
4. Press **Stopwatch**.
5. Press to start tracking time, then press again to stop.

- Press the Left Soft Key [Lap] while tracking time to measure lap times.

- Press the Right Soft Key [Reset] after time is stopped to reset the stopwatch.

3.9 World Clock

Allows you to determine the current time in another time zone or country.

1. From standby mode, press [MENU].
2. Press Settings & Tools.
3. Press Tools.
4. Press World Clock.

NOTE Press the Directional Key to turn the globe. When the regional area you want is displayed, press to zoom in and view the cities in the selected area.

5. Press the Right Soft Key [Cities] for a list of available cities.
6. Highlight a city from the list, then press .
   The display shows the position of the city on a global map.
7. Press again to zoom in on the city and view its date and time infomation. Press the Directional Key to view other places.

NOTE To set daylight savings time, press the Left Soft Key [Set DST].

3.10 Notepad

Allows you to add, read, edit, and erase notes to yourself.

1. From standby mode, press [MENU].
2. Press Settings & Tools.
3. Press Tools.
4. Select Notepad.
5. Press the Left Soft Key [Add] to write a new note.
6. Press the Left Soft Key to change the entry mode.
7. After filling in the note, press [SAVE] to save it.

3.11 Document Viewer

1. From standby mode, press [MENU].
2. Press 9wxyz **Settings & Tools**.
3. Press 3def **Tools**.
4. Select **Document Viewer.**

NOTE * Document Viewer is available when there are files in the Documents folder from the SD card.

* Supported file format is txt, doc, docx, ppt, pptx, xls, xlsx, pdf.

3.12 USB Mass Storage

This menu allows you to transfer content from your phone to your Windows® XP, Windows® 7 or Windows Vista® PC (or vice versa) when your phone is connected to your PC with a compatible USB cable. Mac OS™ and Linux OS operating systems are not supported. You can only access this menu when a microSD™ card is inserted in your phone. (see page 15 for details on installing your microSD™ card).

1. From standby mode, press [MENU].
2. Press 9wxyz **Settings & Tools**.
3. Press 3def **Tools**.
4. Select **USB Mass Storage**.

4. Bluetooth® Menu

The phone is compatible with devices that support the Headset, Handsfree, Stereo, Phonebook Access, Object Push, File Transfer, and Message Access profiles.

You may create and store 20 pairings within the phone and connect to one device at a time. The approximate communication range for Bluetooth® wireless technology is up to 30 feet (21 meters).

NOTE Read the user guide of each Bluetooth® accessory that you are trying to pair with your phone because the instructions may be different.

NOTE Your phone is based on the Bluetooth® specification, but it is not guaranteed to work with all devices enabled with Bluetooth® wireless technology. Your phone does not support ALL Bluetooth® OBEX Profiles.

* For vehicle/accessory compatibility go to www.verizonwireless.com/bluetoothchart.

4.1 Add New Device

Pairing is the process that allows the handset to locate, establish, and register a 1-to-1 connection with the target device.

4.1.1 For pairing with a new Bluetooth® device

1. Follow the Bluetooth® accessory instructions to set the device to pairing mode.
2. From standby mode, press [MENU].
3. Press 9wxyz **Settings & Tools**.
4. Press 4ghi **Bluetooth Menu**.
5. Press 1 **Add New Device**.
6. Set the desired device to pairing.
7. The device will appear in **Add New Device** menu once it has been located. Highlight the device and press .
8. The handset will prompt you for the passcode. Consult the Bluetooth® accessory instructions for the appropriate passcode (typically "0000" - 4 zeroes). Enter the passcode and press . When Auto Pair Handsfree is set to On, the device will try to automatically pair with the headset.
9. When pairing with a PC or PDA is successful, highlight either **Always Ask** or **Always Connect** and press to connect with the device.
10. Once connected, you will see the device listed in the Bluetooth® Menu and when the pair is transferring information, the Bluetooth® indicator will show up on your screen.

4.1.2 Icon Reference in Adding New Device

When the Bluetooth® wireless connection is built and paired devices are found, the following icons are displayed.

- **Icon References When a Bluetooth® Wireless Connection is Searched** (neither connected nor paired).

	When a carkit device is found by your device
	When an audio device is found by your device
	When a PC is found by your device
	When a PDA is found by your device
	When another phone device is found by your device
	When other undefined devices are found by your device

Turn On

Allows you to set the phone's Bluetooth® power to On/ Off.

1. From standby mode, press [MENU].
2. Press **Settings & Tools**.
3. Press **Bluetooth Menu**.
4. Press the Left Soft Key [Turn On].

NOTE By default, your device's Bluetooth® functionality is turned off.

My Device Info

Allows you to view and/or edit the name of the Bluetooth® device.

1. From standby mode, press [MENU].
2. Press **Settings & Tools**.
3. Press **Bluetooth Menu**.
4. Press the Right Soft Key [Options].
5. Press **My Device Info**.
6. Press CLR to clear the existing name.

7. Slide the QWERTY keyboard open to enter a new custom name.
8. Press OK to save and exit.

TIP
Bluetooth® wireless connection is dependent on your Bluetooth® stereo device. Even though you want to connect with a headset that supports both stereo and handsfree profiles, you may only be able to connect with one.

Discovery Mode

Allows you to set whether your device is able to be searched by other Bluetooth® devices in the area.

1. From standby mode, press [MENU].
2. Press 9wxyz **Settings & Tools**.
3. Press 4ghi **Bluetooth Menu**.
4. Press the Right Soft Key [Options].
5. Press 2abc **Discovery Mode**.
6. Use the Directional Key to highlight **On** or **Off**, then press .

NOTE If you choose **On** for Discovery Mode, your device is able to be searched by other in-range Bluetooth® devices.

Supported Profiles

Allows you to see profiles that your phone can support.

1. From standby mode, press [MENU].
2. Press 9wxyz **Settings & Tools**.
3. Press 4ghi **Bluetooth Menu**.
4. Press the Right Soft Key [Options].
5. Press 3def **Supported Profiles**.

TIPS
- HEADSET: Supports the use of a compatible Bluetooth® headset for mono voice.
- HANDSFREE: Supports Bluetooth® headsets, and may also support other installed compatible Bluetooth® devices with speakerphone capabilities, such as car kits or a conference room device. For Handsfree Car Kit Compatibility, refer to www.verizonwireless.com/bluetoothchart on the Verizon Wireless website.

- STEREO: Supports delivery of stereo audio to a compatible Bluetooth device.
- PHONEBOOK ACCESS: Allows sharing of your name card, phonebook entries, and call history with a compatible Bluetooth® device.
- OBJECT PUSH: Allows sending and receiving of contact name cards and calendar events between devices.
- FILE TRANSFER: Allows the capability to send or receive non-protected data files to a compatible Bluetooth device.
- MESSAGE ACCESS: Allows the capability to exchange text messages messages between Bluetooth capable devices."

The following options are available in the paired device for phone/PC devices when pressing the Right Soft Key **[Options]**:

1. **Remove Device**: You can remove the device from the pairing list.
2. **Rename Device**: You can rename the paired device.
3. **Incoming Security**: Allows you to set permission before connecting an incoming device.
4. **Service Discovery**: Allows you to search for the services that the selected device supports.
5. **Device Info**: Shows the device information.

NOTES

In the pairing list, you can disconnect the connected device with the blue arrow signal by pressing OK or by pressing the Left Soft Key **[Turn Off]**. Reversely, you can turn it on by pressing the Left Soft Key **[Turn On]** again.

When an audio device is connected, then you select another device and press OK, both devices are connected.

In case your search fails to find any pairing device, select found device instead.

- When connected with a phone or PC supporting OPP, the following menus are possible:
- Send name card: Allows my contact data to be sent to another device; up to 1000 Contacts.
- Get name card: Allows you to pull the name card of the other device.
- Exchange name card: Allows you to exchange your name card with another device.
- Send Calendar Event: Allows you to send up to 300 Calendar events to another device.

5. Keyguard Settings

Allows you to set keypad lock and unlock options.

1. From standby mode, press [MENU].
2. Press 9wxyz Settings & Tools.
3. Press 5jkl Keyguard Settings.
4. Use the Directional Key to highlight a setting, then press . The following settings are available:

- Auto Lock
  On/ Off
- Unlock Options
  Press Once/ Press Twice
- Lock Options
  Keypad Only/ Keypad & Phone

6. Sounds Settings

Provides options to customize the phone's sounds.

6.1 Easy Set-up

Allows you to quickly set the main Sounds settings for the keypad volume, incoming calls, and messages (text, multimedia, and voicemail).

1. From standby mode, press [MENU].
2. Press 9wxyz Settings & Tools.
3. Press 6mno Sounds Settings.
4. Press 1 Easy Set-up.
5. Read each setting description, select the setting you want, then press [SET].

NOTE Set each alert separately with Ring Only, Vibrate Only, Ring and Vibrate, Be Silent.

6.2 Call Sounds

Allows you to set how the phone alerts you for types of incoming calls.

1. From standby mode, press [MENU].
2. Press 9wxyz Settings & Tools.
3. Press 6mno Sounds Settings.
4. Press 2abc Call Sounds.

6.2.1 Call Ringtone

1. From standby mode, press [MENU].
2. Press 9wxyz Settings & Tools.

3. Press 5 jkl **Sounds Settings**.

4. Press 2 abc **Call Sounds**.

5. Press 1 **Call Ringtone**.

6. Use the Directional Key to highlight a ringtone then press OK to save the sound.

TIP

To hear a ringtone before you set it, press the Left Soft Key [**Play**].

6.2.2 Call Vibrate

1. From standby mode, press OK [**MENU**].

2. Press 5 jkl **Settings & Tools**.

3. Press 5 jkl **Sounds Settings**.

4. Press 2 abc **Call Sounds**.

5. Press 2 abc **Call Vibrate**.

6. Use the Directional Key to highlight **On** or **Off**, then press OK.

6.2.3 Caller ID Readout

1. From standby mode, press OK [**MENU**].

2. Press 5 jkl **Settings & Tools**.

3. Press 5 jkl **Sounds Settings**.

4. Press 2 abc **Call Sounds**.

5. Press 3 def **Caller ID Readout**.

6. Use the Directional Key to highlight a setting, then press OK. The following settings are available:

   Ring Only/ Caller ID + Ring/ Name Repeat

6.3 Alert Sounds

Allows you to select the alert type for a new message.

1. From standby mode, press OK [**MENU**].

2. Press 5 jkl **Settings & Tools**.

3. Press 5 jkl **Sounds Settings**.

4. Press 3 def **Alert Sounds**.

5. Select **TXT Message/ Multimedia Message/ Voicemail/Emergency Tone/ Missed Call**

6. The Alert Sounds menu contains the following options:
   Tone/ Vibrate/ Reminder
   The exception for this is the Emergency Tone menu. This menu has these options:
   Alert/ Vibrate/ Off

6.4 Keypad Volume

Allows you to set the keypad volume.

1. From standby mode, press [MENU].
2. Press 9wxyz **Settings & Tools**.
3. Press 6mno **Sounds Settings**.
4. Press 4ghi **Keypad Volume**.
5. Adjust the volume with the Directional Key then press .

6.5 Digit Dial Readout

Allows you to set the Digit Dial Readout.

1. From standby mode, press [MENU].
2. Press 9wxyz **Settings & Tools**.
3. Press 6mno **Sounds Settings**.
4. Press 5jkl **Digit Dial Readout**.
5. Use the Directional Key to highlight **On** or **Off**, then press .

6.6 Service Alerts

Allows you to set any of the five Alert options to either On or Off.

1. From standby mode, press [MENU].
2. Press 9wxyz **Settings & Tools**.
3. Press 6mno **Sounds Settings**.
4. Press 6mno **Service Alerts**.
5. Select an alert option.

   ERI Alerts you to the status of cellular service.
   ERI: Enhanced Roaming Indicator

   Minute Beep Alerts you 10 seconds before the end of every minute during a call.

   Call Connect Alerts you when the call is connected.

   Charge Complete Alerts you when the battery is completely charged.

Software Update Alerts you of an Over-The-Air (OTA) software update to the device.

7. Use the Directional Key to highlight **On** or **Off**, then press OK.

6.7 Power On/Off

Allows you to set the phone to sound a tone when the phone is powered on/off.

1. From standby mode, press OK [MENU].
2. Press 9wxyz **Settings & Tools**.
3. Press 6mno **Sounds Settings**.
4. Press 7pqrs **Power On/Off**.
5. Select **Power On** or **Power Off**.
6. Use the Directional Key to highlight **On** or **Off**, then press OK.

6.8 Voice Clarity

The Voice Clarity feature allows you to set the phone to automatically adapt to noisy environments by adjusting the audio levels to improve speech intelligibility.

1. From standby mode, press OK [MENU].
2. Press 9wxyz **Settings & Tools**.
3. Press 6mno **Sounds Settings**.
4. Press 8tuv **Voice Clarity**.
5. Use the Directional Key to scroll to **On** or **Off**, then press OK.

7. Display Settings

Provides options to customize the phone's display screen.

1. From standby mode, press OK [MENU].
2. Press 9wxyz **Settings & Tools**.
3. Press 7pqrs **Display Settings**.

7.1 Easy Set-up

Allows you quickly set the main Display Settings.

1. From standby mode, press OK [MENU].

2. Press Settings & Tools.
3. Press Display Settings.
4. Press Easy Set-up.
5. Customize the following display settings:

- **PERSONAL BANNER**

  Allows you to enter a string of up to 18 characters which displays on the LCD screen.

- **DISPLAY BACKLIGHT**

  Set Backlight duration for the Main screen.
  7 Seconds/ 15 Seconds/ 30 Seconds/ Always Off

- **KEYPAD BACKLIGHT**

  Set Backlight duration for the keypad.

  7 Seconds/ 15 Seconds/ 30 Seconds/ Always Off

- **WALLPAPER**

  Set the Main screen wallpaper.

- **DISPLAY THEMES**

  Select your device Display Theme.
  White/ Surrealism/ Bookshelf

- **MENU LAYOUT**

  Select your Main Menu Layout.
  Grid/ List/ Tab

- **DIAL DIGITS**

  Set the Dial Digits font size.
  Resizable/ Small/Normal/ Large

- **MENU & LIST**

  Set the Menu & List font size.
  Resizable/ Small/Normal/ Large

- **MESSAGE**

  Set the Message font size.
  Resizable/ Small/Normal/ Large

- **CLOCK FORMAT**

  Select the format of the Main Clock.
  Analog/ Large Analog/ Digital 12/ Large Digital 12/ Digital 24/ Large Digital 24/ Dual City/ Off

7.2 Banner

Allows you to enter a string of up to 18 characters which displays on the LCD screen.

1. From standby mode, press [MENU].

2. Press 9wxyz **Settings & Tools**.

3. Press 7pqrs **Display Settings**.

4. Press 2abc **Banner**.

7.2.1 Personal Banner

1. From standby mode, press ◎ [MENU].

2. Press 9wxyz **Settings & Tools**.

3. Press 7pqrs **Display Settings**.

4. Press 2abc **Banner**.

5. Press 1 **Personal Banner**.

6. Enter your own banner text.

NOTE Press the Directional Key ◉ to change the color of the text. Use the Directional Key ◉ to select the color you want.

7. Press ◎.

7.2.2 ERI Banner

If you use ERI Service, ERI Text is shown on the sub banner.

1. From standby mode, press ◎ [MENU].

2. Press 9wxyz **Settings & Tools**.

3. Press 7pqrs **Display Settings**.

4. Press 2abc **Banner**.

5. Press 2abc **ERI Banner**.

6. Use the Directional Key ◉ to highlight **On** or **Off**, then press ◎.

7.3 Backlight

Allows you to set the duration for illuminating the backlight for the display and keypad. Each is set separately.

1. From standby mode, press ◎ [MENU].

2. Press 9wxyz **Settings & Tools**.

3. Press 7pqrs **Display Settings**.

4. Press 3def **Backlight**.

5. Highlight a Backlight submenu and press ◎.

   Display Backlight: 7 Seconds/ 15 Seconds/ 30 Seconds/ Always Off

   Keypad Backlight: 7 Seconds/ 15 Seconds/ 30 Seconds/ Always Off

7.4 Brightness

Allows you to set the backlight brightness level.

1. From standby mode, press [MENU].
2. Press 9wxyz **Settings & Tools**.
3. Press 7pqrs **Display Settings**.
4. Press 4ghi **Brightness**.
5. Use the Directional Key to scroll to a setting, then press .

7.5 Wallpaper

Allows you to choose the kind of background to be displayed on the phone's LCD in standby mode.

1. From standby mode, press [MENU].
2. Press 9wxyz **Settings & Tools**.
3. Press 7pqrs **Display Settings**.
4. Press 5jkl **Wallpaper**.
5. Highlight a Wallpaper submenu and press .

   My Pictures/Fun Animations/ Slide Show
6. Highlight an available option and press .

7.6 Charging Screen

1. From standby mode, press [MENU].
2. Press 9wxyz **Settings & Tools**.
3. Press 7pqrs **Display Settings**.
4. Press 6mno **Charging Screen**.
5. Use the Directional Key to highlight **Off**, **Desk Clock** or **Calendar**, then press .

7.7 Display Themes

Allows you to choose the color scheme used in the background of the LCD screen.

1. From standby mode, press [MENU].
2. Press 9wxyz **Settings & Tools**.
3. Press 7pqrs **Display Settings**.
4. Press 7pqrs **Display Themes**.
5. Use the Directional Key to highlight **White**, **Surrealism**, or **Bookshelf**, then press .

NOTE Press the Left Soft Key [**Preview**] to preview the selected display theme.

7.8 Main Menu Settings

Allows you to choose how the Main Menu displays for menu selection, as well as replace and move menu items.

1. From standby mode, press [MENU].
2. Press **Settings & Tools**.
3. Press **Display Settings**.
4. Press **Main Menu Settings**.
5. Use the Directional Key to highlight a setting, then press . The following options are available:
   Menu Layout/ Replace Menu Items/ Position Menu Items/ Reset Menu Settings

NOTE This User Guide gives navigation instructions according to the default "Grid" Main Menu Layout in the Display Settings menu. If other menus are set, navigating the phone's menus may be different.

NOTE Press the Left Soft Key **[Preview]** to preview the selected menu setting.

7.9 Font Type

Allows you to set the font type.

1. From standby mode, press [MENU].
2. Press **Settings & Tools**.
3. Press **Display Settings**.
4. Press **Font Type**.
5. Use the Directional Key to scroll to a setting, then press . The following options are available:
   VZW Font/ LG Secret/ LG Mint

NOTE Press the Left Soft Key [**Preview**] to preview the selected font.

7.10 Font Size

Allows you to set the font size for Dial Digits, Menu & List and Message. Plus, the Volume Key Resize setting allows you to use the Volume Keys to instantly scale screen fonts. These settings are helpful for those who need the text to display a little bit larger.

1. From standby mode, press [MENU].
2. Press **Settings & Tools**.

3. Press 7 pqrs **Display Settings**.
4. Select **Font Size**.
5. Use the Directional Key to highlight **Dial Digits**, **Menu & List**, or **Message**.
6. Use the Directional Key to highlight a setting, then press [SET].

   Dial Digits: **Resizable/ Small/ Normal/ Large**

   Menu & List: **Resizable/ Small/ Normal/ Large**

   Message: **Resizable/ Small/ Normal/ Large**

7.11 Clock Format

Allows you to choose the kind of clock to be displayed on the LCD screen.

1. From standby mode, press [MENU].
2. Press 9 wxyz **Settings & Tools**.
3. Press 7 pqrs **Display Settings**.
4. Select **Clock Format**.
5. Use the Directional Key to choose a clock setting, then press . The following options are available:

   Analog/ Large Analog/ Digital 12/ Large Digital 12/ Digital 24/ Large Digital 24/ Dual City/ Off

NOTE Press the Left Soft Key [**Preview**] to preview the selected clock format.
In Preview mode, color can be customized with the Right Soft Key [**Color**].

8. Phone Settings

The Phone Settings Menu allows you to designate specific settings to customize how you use your phone.

8.1 Airplane Mode

Turning on Airplane Mode will disable all wireless communications.

1. From standby mode, press [MENU].
2. Press 9 wxyz **Settings & Tools**.
3. Press 8 tuv **Phone Settings**.
4. Press 1 **Airplane Mode**.
5. Use the Directional Key to highlight **On** or **Off**, then press .

8.2 Set Shortcut Keys

Allows you to set shortcuts to phone menus using specified keys.

8.2.1 Set My Shortcuts

To access these shortcuts, press the Right Directional Key from standby mode (by default) to display My Shortcuts.

1. From standby mode, press [MENU].
2. Press **Settings & Tools**.
3. Press **Phone Settings**.
4. Press **Set Shortcut Keys**.
5. Press **Set My Shortcuts**.
6. Use the Directional Key to highlight a shortcut key you want to set. The following options are available:
   Shortcut 1/ Shortcut 2/ Shortcut 3/ Shortcut 4
7. Press **[SET]** to display the available shortcuts. Use the Directional Key to highlight one, then press .

8.2.2 Set Directional Keys

To access these shortcuts, press the Directional Key in the direction (up, down, left) set for the shortcut you want to access.

1. From standby mode, press [MENU].
2. Press **Settings & Tools**.
3. Press **Phone Settings**.
4. Press **Set Shortcut Keys**.
5. Press **Set Directional Keys**.
6. Use the Directional Key to highlight a shortcut key you want to set. The following options are available:
   Up Directional Key/ Left Directional Key/ Down Directional Key
7. Press **[SET]** to display the available shortcuts. Use the Directional Key to highlight one, then press .

8.2.3 Set Qwerty Shortcut

This shortcut allows you to initiate either a Contact Search, New TXT Message or New Note by simply pressing any key on the internal QWERTY keyboard.

1. From standby mode, press [MENU].
2. Press 9wxyz **Settings & Tools**.
3. Press 8tuv **Phone Settings**.
4. Press 2abc **Set Shortcut Keys**.
5. Press 3def **Set Qwerty Shortcut**.
6. Use the Directional Key to scroll to a setting, then press . The following options are available:

   Off/ Search Contact/ New TXT Message/ New Note

8.2.4 Set Slide Open View

By default, the Quick Menu is displayed when the QWERTY keyboard is opened. The Quick Menu includes Messaging, Favorites and Social Networks menus.

1. From standby mode, press [MENU].
2. Press 9wxyz **Settings & Tools**.
3. Press 8tuv **Phone Settings**.
4. Press 2abc **Set Shortcut Keys**.
5. Press 4ghi **Set Slide Open View**.
6. Use the Directional Key to scroll to a setting, then press . The following options are available:

   Home Screen/ Quick Menu

8.3 Voice Commands

1. From standby mode, press [MENU].
2. Press 9wxyz **Settings & Tools**.
3. Press 8tuv **Phone Settings**.
4. Press 3def **Voice Commands**.
5. Highlight a Voice Commands submenu and press . The following submenus are available:

   Confirm Choices/ Sensitivity/ Adapt Voice/ Prompts/ Clear Key Activation

6. Use the Directional Key to scroll to a setting. Then press . The following options are available:

Confirm Choices **Automatic/ Always Confirm/ Never Confirm**

Sensitivity **More Sensitive/ Automatic/ Less Sensitive**

Adapt Voice **Train Words/ Train Digits**

Prompts

Mode: Prompts /Readout + Alerts /Readout /Tones Only

Audio Playback: Speakerphone/ Earpiece

Timeout: 5 seconds /10 seconds

Clear Key Activation **On/ Off**

8.4 Language

Allows you to set the Multi-language (English, Spanish, Simplified Chinese or Korean.) feature according to your preference.

NOTE The multi-languages(English, Spanish, Simplified Chinese or Korean) support all the functions except Media Center App and AVR.

1. From standby mode, press [MENU].
2. Press **Settings & Tools**.
3. Press **Phone Settings**.
4. Press **Language**.
5. Use the Directional Key to highlight a setting, then press .

The following options are available:

English/ Español/ Simplified Chinese/ Korean.

8.5 Location

Allows you to set the GPS (Global Positioning System: Satellite assisted location information system) mode.

1. From standby mode, press [MENU].
2. Press **Settings & Tools**.
3. Press **Phone Settings**.
4. Press **Location**.
5. Use the Directional Key to highlight a setting, then press . The following options are available:

Location On/ E911 Only

NOTES

- GPS satellite signals are not always received by the phone, especially under bad atmospheric and environmental conditions, indoors, etc.
- When a Location Setting Restriction is activated in the Security Menu, the lock code is required when you enter the Location menu. The lock code is the same 4 digits you use as your device lock code; initially the last 4 digits of your phone number.

- When in Airplane Mode, services supporting Location On functionality will be suspended.

8.6 Current Country

The Current Country menu allows you to select your current location.

NOTE The Current Country setting cannot be changed after it's set for the first time unless your real location changes to another country.

1. From standby mode, press [MENU].
2. Press **Settings & Tools**.
3. Press **Phone Settings**.
4. Press **Current Country**.
5. Use the Directional Key to scroll to a country, then press .

8.7 Security

The Security menu allows you to secure the phone electronically.

1. From standby mode, press [MENU].
2. Press **Settings & Tools**.
3. Press **Phone Settings**.
4. Press **Security**.
5. Enter the four-digit lock code.

   The lock code is the last 4 digits of your mobile phone number, if it is set.

   The lock code is the last 4 digits of your MEID if your mobile phone number is not set.

8.7.1 Edit Codes

Allows you to enter a new four-digit lock code.

1. From standby mode, press [MENU].
2. Press **Settings & Tools**.
3. Press **Phone Settings**.
4. Press **Security**.
5. Enter the four-digit lock code.
6. Press **Edit Codes**.
7. Select **Phone Only** or **Calls & Services**.
8. Enter your new four-digit lock code.
9. For confirmation, it will ask you to enter the new lock code again.

8.7.2 Restrictions

Allows you to set separate restrictions for Location Setting, Calls, and Messages.

1. From standby mode, press [MENU].
2. Press 9wxyz Settings & Tools.
3. Press 8tuv Phone Settings.
4. Press 7pqrs Security.
5. Enter the four-digit lock code.
6. Press 2abc Restrictions.
7. Enter the four-digit lock code.
8. Highlight a Restrictions menu then press . The following menus are available:

   Location Setting/ Calls/ Messages
9. Use the Directional Key to highlight the restriction then press . The following options are available:

   Location Setting Lock Setting/ Unlock Setting

   Calls: Incoming Calls Allow All/ Contacts Only/ Block All

   Calls: Outgoing Calls Allow All/ Contacts Only/ Block All

   Messages: Incoming Messages Allow All/ Block All

   Messages: Outgoing Messages Allow All/ Block All

8.7.3 Phone Lock Setting

Protects your phone from unauthorized use. Once the phone is locked, it's in restricted mode until the lock code is entered. You can still receive phone calls and make emergency calls. You can modify the lock code using the Edit Codes submenu within the Security menu.

1. From standby mode, press [MENU].
2. Press 9wxyz Settings & Tools.
3. Press 8tuv Phone Settings.
4. Press 7pqrs Security.
5. Enter the four-digit lock code.
6. Press 3def Phone Lock Setting.
7. Highlight a setting, then press . The following options are available:

   Unlocked The phone is never locked (Lock mode can still be used).

   On Power Up The phone is locked when it is turned on.

8.7.4 Lock Phone Now

Allows you to immediately lock the phone.

1. From standby mode, press [MENU].
2. Press Settings & Tools.
3. Press Phone Settings.
4. Press Security.
5. Enter the four-digit lock code.
6. Press Lock Phone Now.

8.7.5 Reset Default

Allows you to reset your phone to the factory default settings.

1. From standby mode, press [MENU].
2. Press Settings & Tools.
3. Press Phone Settings.
4. Press Security.
5. Enter the four-digit lock code.
6. Press Reset Default.
7. Press after reading the warning message.
8. Highlight **Revert** and press . A confirmation message is displayed briefly before the phone resets itself.

8.7.6 Restore Phone

Allows you to erase all user data and Contact information you've entered in the phone's memory so it's as if it just left the factory.

1. From standby mode, press [MENU].
2. Press Settings & Tools.
3. Press Phone Settings.
4. Press Security.
5. Enter the four-digit lock code.
6. Press Restore Phone.
7. Press after reading the warning message.
8. Enter the four-digit lock code.

8.8 System Select

Allows you to set up the phone management environment. Leave this setting as the default unless you want to alter system selection as instructed by your service provider.

1. From standby mode, press [MENU].
2. Press Settings & Tools.
3. Press Phone Settings.
4. Press System Select.
5. Use the Directional Key to highlight a setting, then press . The following settings are available:

   Home Only/ Automatic
   Automatic setting options are dependent on the PRL.

8.9 NAM Select

Allows you to select the phone's NAM (Number Assignment Module) if the phone is registered with multiple service providers.

1. From standby mode, press [MENU].
2. Press Settings & Tools.
3. Press Phone Settings.
4. Press NAM Select.
5. Use the Directional Key to highlight **NAM1** or **NAM2**, then press .

9. Call Settings

The Call Settings menu allows you to designate how the phone handles both incoming and outgoing calls.

9.1 Answer Options

Allows you to determine how the phone will answer an incoming call.

1. From standby mode, press [MENU].
2. Press Settings & Tools.
3. Press Call Settings.
4. Press Answer Options.
5. Use the Directional Key to to mark the setting(s) you want to use, then press . The following settings are available:

   Slide Up/ Any Key/ Auto with Handsfree

6. Press the Left Soft Key [Done] when you have marked the setting(s) you want.

NOTE Auto with Handsfree is available only when any external device is connected to your phone.

When the following settings are set, Ringer is not activated.

- When **All Sounds Off/ Alarm Only** is set or individual Contact Ringer ID is set to **No Ring**.

9.2 End Call Options

Allows you to set the option to end a call.

1. From standby mode, press [MENU].
2. Press **Settings & Tools**.
3. Press **Call Settings**.
4. Press **End Call Options**.
5. Use the Directional Key to select **Close Slide** or **End Key Only**, then press .

9.3 Call Forwarding

Allows you to configure call forwarding.

1. From standby mode, press [MENU].
2. Press **Settings & Tools**.
3. Press **Call Settings**.
4. Press **Call Forwarding**.
5. Select **Forward Call**, enter the number you wish to forward your calls to, then press [FORWARD]. You can also select **Cancel Forwarding** if you are currently forwarding your calls.

9.4 Auto Retry

Allows you to set the length of time the phone waits before automatically redialing a number when the attempted call fails.

1. From standby mode, press [MENU].
2. Press **Settings & Tools**.
3. Press **Call Settings**.
4. Press **Auto Retry**.
5. Use the Directional Key to highlight a setting, then press . The following options are available:

   Off/ Every 10 Seconds/ Every 30 Seconds/ Every 60 Seconds

9.5 TTY Mode

Allows you to attach a TTY device enabling you to communicate with parties also using a TTY device. A phone with TTY support is able to translate typed characters to voice. Voice can also be translated into characters and then displayed on the TTY.

1. From standby mode, press [MENU].
2. Press Settings & Tools.
3. Press Call Settings.
4. Press TTY Mode.

   An explanation message is displayed.
5. Press to continue.
6. Use the Directional Key to highlight a setting, then press . The following options are available:

   TTY Full/ TTY + Talk/ TTY + Hear/ TTY Off

   TTY Full: Users who cannot talk or hear send and receive a text message through TTY equipment.

   TTY + Talk: Users who can talk but cannot hear receive a text message and send voice through TTY equipment.

TTY Mode (Tele Type writer)

Menu	User	Feature	Transmission/ Receiving Mode	When communicating with a non-TTY terminal
TTY Full	For hearing-/ verbally-impaired		Text message transmission, text message receiving	Operator required
TTY + Talk	For hearing-impaired	Able to talk	Voice transmission, text message receiving	Operator required
TTY + Hear	For verbally-impaired	Audible	Text message transmission, voice receiving	Operator required
TTY Off			Voice transmission, voice receiving	

TTY + Hear: Users who can hear but cannot talk send a text message and receive voice through TTY equipment.

TTY Off: Users send and receive without TTY equipment.

Connecting TTY Equipment and a Terminal

1. Connect a TTY cable to TTY connection on the terminal (TTY connection location is the same as a headset jack).
2. Enter the phone menu and set the desired TTY mode.
3. After setting a TTY mode, check the LCD screen of the phone for the TTY icon.
4. Connect the TTY equipment to the power source and turn it on.
5. Make a phone connection to the desired number.
6. When connection is made, use the TTY equipment to type in and send a text message or send voice.
7. The voice or text message from the receiver end displays on the TTY equipment display.

9.6 One Touch Dial

Allows you to initiate a speed dial call by pressing and holding the speed dial digit. If set to Off, Speed Dial numbers designated in your Contacts will not function.

1. From standby mode, press [MENU].
2. Press 9 Settings & Tools.
3. Press 9 Call Settings.
4. Press 6 One Touch Dial.
5. Use the Directional Key to highlight **On** or **Off**, then press .

9.7 Voice Privacy

Allows you to set the voice privacy feature for CDMA calls. CDMA offers inherent voice privacy. Check with your service provider for availability.

1. From standby mode, press [MENU].
2. Press 9 Settings & Tools.
3. Press 9 Call Settings.
4. Press 7 Voice Privacy.
5. Use the Directional Key to highlight **On** or **Off**, then press .

9.8 DTMF Tones

Allows you to set the DTMF tone length.

1. From standby mode, press [MENU].
2. Press Settings & Tools.
3. Press Call Settings.
4. Press DTMF Tones.
5. Use the Directional Key to highlight **Normal** or **Long**, then press .

9.9 Assisted Dialing

Allows you to set the phone to assist in dialing international number when you are traveling outside your home country.

1. From standby mode, press [MENU].
2. Press Settings & Tools.
3. Press Call Settings.
4. Press Assisted Dialing.
5. Use the Directional Key in the **Assisted Dialing** field to select **On** or **Off**.
6. Use the Directional Key to scroll to Reference Country, press the Left Soft Key **[Set]**, then select a country.
7. Press the Left Soft Key **[Details]** to edit international dialing information (such as Country Code, IDD Prefix, NDD Prefix, Area/City Code, and Length), then press **[Save]**.

10. USB Mode

Your phone automatically detects a USB device. If the option is set to Ask On Plug, you are asked to confirm whenever a connection is made.

1. From standby mode, press [MENU].
2. Press Settings & Tools.
3. Select **USB Mode**.
4. Use the Directional Key to scroll to a setting, then press . The following options are available:

   Mass Storage/ Modem Mode/ Ask On Plug

11. Memory

Allows you to check your internal phone memory, as well as the microSD™ memory (if applicable). The phone can access the following file types of files stored on the removable microSD™ card.

My Pictures: png, jpg, bmp, gif

My Sounds: mid, midi, aac, mp3

My Ringtones: mid, midi, qcp, pmd, aac, mp3, wav

11.1 Save Options

Allows you to select which memory (phone or memory card) to use to save your files.

1. From standby mode, press [MENU].
2. Press Settings & Tools.
3. Select Memory.
4. Press Save Options.
5. Use the Directional Key to select the file type, then press . The following options are available:

   Pictures/ Sounds/ Ringtones
6. Use the Directional Key to select the location to save, then press . The following options are available:

   Phone Memory/ Card Memory

11.2 Phone Memory

Shows the memory information saved in your phone.

1. From standby mode, press [MENU].
2. Press Settings & Tools.
3. Select Memory.
4. Press Phone Memory.
5. Use the Directional Key to select a file storage type in the phone, then press to view the memory used.

   Memory Usage/ My Pictures/ My Ringtones/ My Music/ My Sounds/ My Contacts/ Move All To Card

11.3 Card Memory

Shows the memory information saved in your microSD™ card.

1. From standby mode, press [MENU].
2. Press Settings & Tools.

3. Select **Memory**.

4. Press 3 def **Card Memory**.

5. Use the Directional Key to select a file storage type on the memory card, then press OK. The following options are available:

   Memory Usage/ My Pictures/ My Ringtones/ My Music/ My Sounds/ My Contacts/ Move All To Phone

NOTE The option Card Memory Usage shows the total used memory and memory space remaining.

NOTE Do not insert or remove the microSD™ card while playing, deleting or downloading Pictures/ Ringtones/ Sounds.

12. Phone Info

Allows you to view the information specific to your phone and software.

1. From standby mode, press OK [MENU].
2. Press 9 wxyz **Settings & Tools**.
3. Select **Phone Info**.

12.1 My Number

Allows you to view your phone number.

1. From standby mode, press OK [MENU].
2. Press 9 wxyz **Settings & Tools**.
3. Select **Phone Info**.
4. Press 1 **My Number**.

12.2 SW/HW Version

Allows you to view the versions of various applications, such as SW, PRL, ERI, Browser, Media Center, AVR, EMS, MMS, Bluetooth, OTADM Version, MSUI, HW, MEID, Warranty Date Code, and Operating System.

1. From standby mode, press OK [MENU].
2. Press 9 wxyz **Settings & Tools**.
3. Select **Phone Info**.
4. Press 2 abc **SW/HW Version**.

12.3 Icon Glossary

Allows you to view all the icons and their meanings.

1. From standby mode, press OK [MENU].

2. Press 9wxyz **Settings & Tools**.

3. Select **Phone Info**.

4. Press 5jkl **Icon Glossary**.

5. Select a subcategory.

12.4 Software Update

This feature gives your phone the ability to upgrade to the latest software and keeps your phone operating with the latest features without visiting a Verizon Wireless Communications Store for the upgrade. You can either be notified automatically that there is an updated version of software available for your phone, or you can manually check to see if there are any updates available for you to download.

Automatic Update

Your phone will receive a notification that there is an updated version of software available to be downloaded. You can press ◎ when notified that a download is available or it can happen automatically. Once the download is complete you may, depending on the nature of the update, have three options available: Accept the update, Defer the update, or Reject the update.

NOTE During the update you cannot make or receive phone calls, including 911 calls, or text messages.

Manual Update

1. From standby mode, press ◎ [MENU].

2. Press 9wxyz **Settings & Tools**.

3. Select **Phone Info**.

4. Press 4ghi **Software Update**.

   The two options shown will be **Status** and **Check New**.

   Press 1 **Status** to see the status of a download or update and see information on the last successful update. If updates have not yet been performed, status information will be unavailable.

   Press 2abc **Check New** to check if any new software updates are available to download. If a newer software version is available, it will automatically begin downloading after 30 seconds or you can begin the download immediately by pressing ◎.

13. Set-up Wizard

1. From standby mode, press [MENU].
2. Press Settings & Tools.
3. Select **Set-up Wizard**.
4. Use the Directional Key to scroll to a setting, then press [SET].

NOTE If you don't want to change the setting, press the Right Soft Key **[Skip]** to go to the next setting.

1. Font Size

Information describing resizing screen fonts is displayed.

Dial Digits/ Menu & List/ Message (Resizable/ Small/ Normal/ Large)

2. Call Sounds

Select how you would like to be alerted to calls.

Ring Only/ Vibrate Only/ Ring and Vibrate/ Be Silent

If a ring setting is selected, you will be prompted for the ringtone.

3. Display Themes

Select your device's Display Theme.

White/ Surrealism/ Bookshelf

4. Menu Layout

Select how to display the Main Menu screen.

Grid/ List/ Tab

5. Clock Format

Select the format of the Main Clock.

Analog/ Large Analog/ Digital 12/ Large Digital 12/ Digital 24/ Large Digital 24/ Dual City/ Off

6. Set Slide Open View

Select the view when the QWERTY keyboard opens.

Home Screen/ Quick Menu

7. Unlock Option

Select Unlock Option to unlock the phone's External Keypad.

Press Once/ Press Twice

Read these instructions. Breaking the rules may be dangerous or illegal. Further detailed information is given in this user guide.

⚠Warning

Violation of the instructions may cause serious injury or death.

- Never use an unapproved battery since this could damage the phone and/or the battery and could cause the battery to explode.
- Never place your phone in a microwave oven as it will cause the battery to explode.

- Never store your phone in temperatures lower than -4˚F or higher than 122˚F.
- Do not dispose of your battery near fire or with hazardous or flammable materials.

- When riding in a car, do not leave your phone or set up the hands-free kit near the air bag. If wireless equipment is improperly installed and the air bag is deployed, you may be seriously injured.
- Do not use a hand-held phone while driving.

- Do not use the phone in areas where its use is prohibited. (For example: aircraft)
- Do not use your device for long periods of time while a part of your body is making direct contact with it. The temperature of the product may increase during normal operation and this may result in harming or burning your skin.

- Do not expose the battery charger or adapter to direct sunlight or use it in places with high humidity, such as a bathroom.

- Do not use harsh chemicals (such as alcohol, benzene, thinner, etc.) or detergent to clean your phone. This could cause a fire.

- Do not drop, strike, or shake your phone severely. It may harm the internal circuit boards of the phone.
- Do not use your phone in highly explosive areas as the phone may generate sparks.

- Do not damage the power cord by bending, twisting, pulling, or heating. Do not use the plug if it is loose as it may cause electric shock or fire.

- Do not place any heavy items on the power cord. Do not allow the power cord to be crimped as it may cause electric shock or fire.

- Do not handle the phone with wet hands while it is being charged. It may cause an electric shock or seriously damage your phone.
- Do not disassemble the phone.

- Do not place or answer calls while charging the phone as it may short-circuit the phone and/or cause electric shock or fire.

- Make sure that no sharp-edged items, such as animal's teeth or nails, come into contact with the battery. This could cause a fire.
- Store the battery out of reach of children.

- Be careful that children do not swallow any parts (such as earphone, connection parts of the phone, etc). This could cause asphyxiation or suffocation resulting in serious injury or death.

- Unplug the power cord and charger during lightning storms to avoid electric shock or fire.

- Only use the batteries and chargers provided by LG. The warranty will not be applied to products provided by other suppliers.
- Only authorized personnel should service the phone and its accessories. Faulty installation or service may result in accidents and consequently invalidate the warranty.

- Your service provider programs one or more emergency phone numbers, such as 911, that you can call under any circumstance, even when your phone is locked. Your phone's preprogrammed emergency number(s) may not work in all locations, and sometimes an emergency call cannot be placed due to network, environmental, or interference issues.

WARNING

This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. ***Wash hands after handling.***

HAC

This phone has been tested and rated for use with hearing aids for some of the wireless technologies that it uses. However, there may be some newer wireless technologies used in this phone that have not been tested yet for use with hearing aids. It is important to try the different features of this phone thoroughly and in different locations, using your hearing aid or cochlear implant, to determine if you hear any interfering noise. Consult your service provider or the manufacturer of this phone for information on hearing aid compatibility. If you have questions about return or exchange policies, consult your service provider or phone retailer.

FCC Part 15 Class B Compliance

This device and its accessories comply with part 15 of FCC rules. Operation is subject to the following two conditions: (1) This device and its accessories may not cause harmful interference, and (2) this device and its accessories must accept any interference received, including interference that causes undesired operation.

Any changes or modifications not expressly approved in this user guide could void your warranty for this equipment. Use only the supplied antenna.

Use of unauthorized antennas (or modifications to the antenna) could impair call quality, damage the phone, void your warranty and/or violate FCC regulations.

Don't use the phone with a damaged antenna. A damaged antenna could cause a minor skin burn. Contact your local dealer for a replacement antenna.

FCC RF Exposure Information

WARNING! Read this information before operating the phone.

In August 1996, the Federal Communications Commission (FCC) of the United States, with its action in Report and Order FCC 96-326, adopted an updated safety standard for human exposure to Radio Frequency (RF) electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the

safety standard previously set by both U.S. and international standards bodies. The design of this phone complies with the FCC guidelines and these international standards.

Bodily Contact During Operation

This device was tested for typical use with the back of the phone kept 0.78 inches (2.0 cm) from the body. To comply with FCC RF exposure requirements, a minimum separation distance of 0.78 inches (2.0 cm) must be maintained between the user's body and the back of the phone. Third-party belt-clips, holsters, and similar accessories containing metallic components may not be used. Avoid the use of accessories that cannot maintain 0.78 inches (2.0 cm) distance between the user's body and the back of the phone and have not been tested for compliance with FCC RF exposure limits.

Vehicle-Mounted External Antenna

(Optional, if available.)

To satisfy FCC RF exposure requirements, keep 8 inches (20 cm) between the user/ bystander and vehicle-mounted external antenna. For more information about RF exposure, visit the FCC website at www.fcc.gov.

Caution

Use only the supplied antenna. Use of unauthorized antennas (or modifications to the antenna) could impair call quality, damage the phone, void your warranty and/or violate FCC regulations.

Don't use the phone with a damaged antenna. A damaged antenna could cause a minor skin burn. Contact your local dealer for a replacement antenna.

Part 15.19 statement

This device complies with part15 of FCC rules. Operation is subject to the following two conditions:

(1) This device may not cause

harmful interference.

(2) This device must accept any interference received, including interference that may cause undesired operation.

Part 15.21 statement

Changes or modifications that are not expressly approved by the manufacturer could void the user's authority to operate the equipment.

Part 15.105 statement

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If you experience interference with reception (e.g., television), determine if this equipment is causing the harmful interference by turning the equipment off and then back on to see if the interference is affected. If necessary, try correcting the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Consumer Information About Radio Frequency Emissions

Your wireless phone, which contains a radio transmitter and receiver, emits radio frequency energy during use. The following consumer information addresses commonly asked questions about the health effects of wireless phones.

Are wireless phones safe?

Scientific research on the subject of wireless phones and radio frequency ("RF") energy has been conducted worldwide for many years, and continues. In the United States, the Food and Drug Administration ("FDA") and the Federal Communications Commission ("FCC") set policies and procedures for wireless phones. The FDA issued a website publication on health issues related to cell phone usage where it states, "The scientific community at large … believes that the weight of scientific evidence does not show an association between exposure to radiofrequency (RF) from cell phones and adverse health outcomes. Still the scientific community does recommend conducting additional research to address gaps in knowledge. That research is being conducted around the world and FDA continues to monitor developments in this field. You can access the joint FDA/FCC website at http://www.fda.gov (under "c"in the subject index, select Cell Phones > Research). You can also contact the FDA toll-free at (888) 463-6332 or (888) INFO-FDA. In June 2000, the FDA entered into a cooperative research and development agreement through which additional scientific research is being conducted. The FCC issued its own website publication stating that "there is no scientific evidence that proves that wireless phone usage can lead to cancer or a variety of other problems, including headaches, dizziness or memory loss." This publication is available at http://www.fcc.gov/cgb/cellular.html or through the FCC at (888) 225-5322 or (888) CALL-FCC.

What does "SAR" mean?

In 1996, the FCC, working with the FDA, the U.S. Environmental Protection Agency, and other agencies, established RF exposure safety guidelines for wireless phones in the United States. Before a wireless phone model is available for sale to the public, it must be tested by the manufacturer and certified to the FCC that it does not exceed limits established by the FCC. One of these limits is expressed as a Specific Absorption Rate, or "SAR." SAR is a measure of the rate of absorption of RF energy in the body. Tests for SAR are conducted with the phone transmitting at its highest power level in all tested frequency bands. Since 1996, the FCC has required that the SAR of handheld wireless phones not exceed 1.6 watts per kilogram, averaged over one gram of tissue.

Although the SAR is determined at the highest power level, the actual SAR value of a wireless phone while operating can be less than the reported SAR value. This is because the SAR value may vary from call to call, depending on factors such as proximity to a cell site, the proximity of the phone to the body while in use, and the use of hands-free devices. For more information about SARs, see the FCC's OET Bulletins 56 and 65 at http://www.fcc.gov/Bureaus/Engineering_Technology/Documents/bulletins or visit the Cellular Telecommunications Industry Association website at http://www.ctia.org/consumer_info/index.cfm/AID/10371. You may also wish to contact the manufacturer of your phone.

Can I minimize my RF exposure?

If you are concerned about RF, there are several simple steps you can take to minimize your RF exposure. You can, of course, reduce your talk time. You can place more distance between your body and the source of the RF, as the exposure level drops off dramatically with distance. The FDA/FCC website states that "hands-free kits can be used with wireless phones for convenience and comfort. These systems reduce the absorption of RF energy in the

head because the phone, which is the source of the RF emissions, will not be placed against the head. On the other hand, if the phone is mounted against the waist or other part of the body during use, then that part of the body will absorb more RF energy. Wireless phones marketed in the U.S. are required to meet safety requirements regardless of whether they are used against the head or against the body. Either configuration should result in compliance with the safety limit." Also, if you use your wireless phone while in a car, you can use a phone with an antenna on the outside of the vehicle. You should also read and follow your wireless phone manufacturer's instructions for the safe operation of your phone.

Do wireless phones pose any special risks to children?

The FDA/FCC website states that "the scientific evidence does not show a danger to users of wireless communication devices, including children." The FDA/FCC website further states that "some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all". For example, the Stewart Report from the United Kingdom ["UK"] made such a recommendation in December 2000. In this report a group of independent experts noted that no evidence exists that using a cell phone causes brain tumors or other ill effects. [The UK's] recommendation to limit cell phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists. A copy of the UK's leaflet is available at http://www.dh.gov.uk (search "mobile"), or you can write to: NRPB, Chilton, Didcot, Oxon OX11 ORQ, United Kingdom. Copies of the UK's annual reports on mobile phones and RF are available online at www.iegmp.org.uk and http://www.hpa.org.uk/radiation/ (search "mobile"). Parents who wish to reduce their children's RF exposure may choose to restrict their children's wireless phone use.

Where can I get further information about RF emissions?

For further information, see the

following additional resources (websites current as of April 2005):

U.S. Food and Drug Administration

FDA Consumer magazine

November-December 2000

Telephone: (888) INFO-FDA

http://www.fda.gov (Under "c" in the subject index, select Cell Phones > Research.)

U.S. Federal Communications Commission

445 12th Street, S.W.

Washington, D.C. 20554

Telephone: (888) 225-5322

http://www.fcc.gov/oet/rfsafety

Independent Expert Group on Mobile Phones

http://www.iegmp.org.uk

Royal Society of Canada Expert Panels on Potential Health Risks of Radio Frequency Fields from Wireless Telecommunication Devices

283 Sparks Street

Ottawa, Ontario K1R 7X9

Canada

Telephone: (613) 991-6990

http://www.rsc.ca/index.php?page=Expert_Panels_RF&Lang_id=120

World Health Organization

Avenue Appia 20 1211 Geneva 27

Switzerland

Telephone: 011 41 22 791 21 11

http://www.who.int/mediacentre/factsheets/fs193/en/

International Commission on Non-Ionizing Radiation Protection

c/o Bundesamt fur Strahlenschutz

Ingolstaedter Landstr. 1

85764 Oberschleissheim

Germany

Telephone: 011 49 1888 333 2156

http://www.icnirp.de

American National Standards Institute

1819 L Street, N.W., 6th Floor

Washington, D.C. 20036

Telephone: (202) 293-8020

http://www.ansi.org

National Council on Radiation Protection and Measurements

7910 Woodmont Avenue, Suite 800

Bethesda, MD 20814-3095

Telephone: (301) 657-2652

http://www.ncrponline.org

Engineering in Medicine and Biology Society, Committee on Man and Radiation (COMAR) of the Institute of Electrical and Electronics Engineers

http://ewh.ieee.org/soc/embs/comar/

Consumer Information on SAR

(Specific Absorption Rate)

This model phone meets the government's requirements for exposure to radio waves. Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to Radio Frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg.

Tests for SAR are conducted using standard operating positions specified by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. Because the phone is designed to operate at multiple power levels to use only the power required to reach the network, in general, the closer you are to a wireless base station antenna, the lower the power output.

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model.

The highest SAR value for this model phone when tested for use at the ear is 1.25 W/kg and when worn on the body, as described in this user guide, is 0.60 W/kg (body-worn measurements differ among phone models, depending upon available accessories and FCC requirements). While there may be differences between SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of http://www.fcc.gov/oet/fccid after searching on FCC ID BEJVN251. Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) website at http://www.ctia.org/.

* In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg

(W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

FCC Hearing-Aid Compatibility (HAC) Regulations for Wireless Devices

On July 10, 2003, the U.S. Federal Communications Commission (FCC) Report and Order in WT Docket 01-309 modified the exception of wireless phones under the Hearing Aid Compatibility Act of 1988 (HAC Act) to require digital wireless phones be compatible with hearing-aids. The intent of the HAC Act is to ensure reasonable access to telecommunications services for persons with hearing disabilities.

While some wireless phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed a rating system for wireless phones, to assist hearing device users to find phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label located on the box.

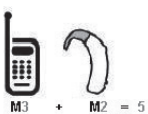
The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are

likely to generate less interference to hearing devices than phones that are not labeled. T4 is the better/ higher of the two ratings.

Hearing devices may also be rated. Your hearing device manufacturer or hearing health professional may help you find this rating. Higher ratings mean that the hearing device is relatively immune to interference noise. The hearing aid and wireless phone rating values are then added together. A sum of 5 is considered acceptable for normal use. A sum of 6 is considered for best use.



In the above example, if a hearing aid meets the M2 level rating and the wireless phone meets the M3 level rating, the sum of the two values equal M5. This should provide the hearing aid user with "normal usage" while using their hearing aid with the particular wireless phone. "Normal usage" in this context is defined as a signal quality that's acceptable for normal operation.

The M mark is intended to be synonymous with the U mark. The T mark is intended to be synonymous with the UT mark. The M and T marks are recommended by the Alliance for Telecommunications Industries Solutions (ATIS). The U and UT marks are referenced in Section 20.19 of the FCC Rules. The HAC rating and measurement procedure are described in the American National Standards Institute (ANSI) C63.19 standard.

When you're talking over the cell phone, it's recommended you'd turn the BT (Bluetooth) mode off for HAC.

This phone has been tested and rated for use with hearing aids for some of the wireless technologies that it uses. However, there may be some newer wireless technologies used in this phone that have not been tested yet for use with hearing aids. It is important to try the different features of this phone thoroughly and in different locations, using your hearing aid or

cochlear implant, to determine if you hear any interfering noise. Consult your service provider or the manufacturer of this phone for information on hearing aid compatibility. If you have questions about return or exchange policies, consult your service provider or phone retailer.

For information about hearing aids and digital wireless phones

Wireless Phones and Hearing Aid Accessibility

http://www.accesswireless.org/hearingaid/

FCC Hearing Aid Compatibility and Volume Control

http://www.fcc.gov/cgb/consumerfacts/hac_wireles s.html

Caution: Avoid potential hearing loss.

Prolonged exposure to loud sounds (including music) is the most common cause of preventable hearing loss. Some scientific research suggests that using portable audio devices, such as portable music players and cellular telephones, at high volume settings for long durations may lead to permanent noise-induced hearing loss. This includes the use of headphones (including headsets, earbuds and Bluetooth® or other wireless devices). Exposure to very loud sound has also been associated in some studies with tinnitus (a ringing in the ear), hypersensitivity to sound and distorted hearing. Individual susceptibility to noise-induced hearing loss and other potential hearing problems varies.

The amount of sound produced by a portable audio device varies depending on the nature of the sound, the device, the device settings and the headphones. You should follow some commonsense recommendations when using any portable audio device:

- Set the volume in a quiet environment and select the lowest volume at which you can hear adequately.
- When using headphones, turn the volume down if you cannot hear the people speaking near

you or if the person sitting next to you can hear what you are listening to.

- Do not turn the volume up to block out noisy surroundings. If you choose to listen to your portable device in a noisy environment, use noise-cancelling headphones to block out background environmental noise.
- Limit the amount of time you listen. As the volume increases, less time is required before your hearing could be affected.
- Avoid using headphones after exposure to extremely loud noises, such as concerts, that might cause temporary hearing loss. Temporary hearing loss might cause unsafe volumes to sound normal.
- Do not listen at any volume that causes you discomfort. If you experience ringing in your ears, hear muffled speech or experience any temporary hearing difficulty after listening to your portable audio device, discontinue use and consult your doctor.

TIA Safety Information

The following is the complete TIA Safety Information for wireless handheld phones.

Exposure to Radio Frequency Signal

Your wireless handheld portable phone is a low power radio transmitter and receiver. When ON, it receives and sends out Radio Frequency (RF) signals.

In August, 1996, the Federal Communications Commissions (FCC) adopted RF exposure guidelines with safety levels for handheld wireless phones. Those guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies:

ANSI C95.1 (1992) *

NCRP Report 86 (1986)

ICNIRP (1996)

* American National Standards Institute; National Council on Radiation Protection and Measurements; International Commission on Non-Ionizing Radiation Protection

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI Standard (C95.1).

The design of your phone complies with the FCC guidelines (and those standards).

Antenna Care

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate FCC regulations.

Phone Operation

NORMAL POSITION: Hold the phone as you would any other telephone with the antenna pointed up and over your shoulder.

Tips on Efficient Operation

For your phone to operate most efficiently: Don't touch the antenna unnecessarily when the phone is in use. Contact with the antenna affects call quality and may cause the phone to operate at a higher power level than otherwise needed.

Electronic Devices

Most modern electronic equipment is shielded from RF signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone.

Pacemakers

The Health Industry Manufacturers Association recommends that a minimum separation of six (6) inches be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research. Persons with pacemakers:

Should ALWAYS keep the phone more than six (6) inches from their pacemaker when the phone is

turned ON;

- Should not carry the phone in a breast pocket;
- Should use the ear opposite the pacemaker to minimize the potential for interference;
- Should turn the phone OFF immediately if there is any reason to suspect that interference is taking place.

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider (or call the customer service line to discuss alternatives).

Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

Health Care Facilities

Turn your phone OFF in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may use equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Turn your phone OFF in any facility where posted notices so require.

Aircraft

FCC regulations prohibit using your phone while in the air. Switch OFF your phone before boarding an aircraft.

Blasting Areas

To avoid interfering with blasting operations, turn your phone OFF when in a "blasting area" or in areas posted: "Turn off two-way radio". Obey all signs and instructions.

Potentially Explosive Atmosphere

Turn your phone OFF when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Areas with a potentially explosive atmosphere are often, but not always marked clearly. Potential areas may include: fueling areas (such as gasoline stations); below deck on boats; fuel or chemical transfer or storage facilities; vehicles using liquefied petroleum gas (such as propane or butane); areas where the air contains chemicals or particles (such as grain, dust, or metal powders); and any other area where you would normally be advised to turn off your vehicle engine.

For Vehicles Equipped with an Air Bag

An air bag inflates with great force. DO NOT place objects, including either installed or portable wireless equipment, in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

Safety Information

Please read and observe the following information for safe and proper use of your phone and to prevent damage.

⚠Caution Violation of the instructions may cause minor or serious damage to the product.

- Do not disassemble or open crush, bend or deform, puncture or shred.
- Do not modify or remanufacture, attempt to insert foreign objects into the battery, immerse or expose to water or other liquids, expose to fire, explosion or other hazard. Such conditions may

present the risk of fire or explosion.

- Only use the battery for the system for which it is specified.
- Only use the battery with a charging system that has been approved and qualified with the system per IEEE-Std-1725-2006. Use of an unqualified and non-approved battery or charger may present a risk of fire, explosion, leakage, or other hazard.
- Do not short circuit a battery or allow metallic conductive objects to contact battery terminals.
- Replace the battery only with another battery that has been approved and qualified with the system per this standard, IEEE-Std-1725-2006. Use of an unqualified and non-approved battery may present a risk of fire, explosion, leakage or other hazard.
- Promptly dispose of used batteries in accordance with local regulations.
- Battery usage by children should be supervised.
- Avoid dropping the phone, battery or exposing the phone or battery to a liquid. If the phone or battery is dropped, especially on a hard surface, or is exposed to a liquid or comes into contact with a sharp object take it to a service center for inspection.
- At least, one of the Authentication methods may be implemented. (e.g. H/W, S/W, Mechanical, Hologram, etc.)
- Improper battery use may result in a fire, explosion or other hazard.

Charger and Adapter Safety

- The charger and adapter are intended for indoor use only.
- Insert the battery pack charger vertically into the wall power socket.
- Only use the approved battery charger. Otherwise, you may cause serious damage to your phone.
- Use the correct adapter for your phone when using the battery pack charger abroad.

Battery Information and Care

- Always unplug the charger from the wall socket after the phone is fully charged to save unnecessary power consumption of the charger.
- Please read the manual of proper installation and removal of the battery.
- Please read the manual of specified charger about charging method.
- Do not damage the power cord by bending, twisting, or heating. Do not use the plug if it is loose as it may cause electric shock or fire.
- Do not place any heavy items on the power cord. Do not allow the power cord to be crimped as it may cause electric shock or fire.
- Unplug the power cord prior to cleaning your phone, and clean the power plug pin when it's dirty. When using the power plug, ensure that it's firmly connected. If not, it may cause excessive heat or fire. If you put your phone in a pocket or bag without covering the receptacle of the phone (power plug pin), metallic articles (such as a coin, paperclip or pen) may short-circuit the phone. Always cover the receptacle when not in use.
- Recharge the battery after long periods of non-use to maximize battery life. Battery life will vary due to usage pattern and environmental conditions.
- Please use only an approved charging accessory to charge your LG phone. Improper handling of the charging port, as well as the use of an incompatible charger, may cause damage to your phone and void the warranty.
- Never store your phone in temperature less than -4˚F or greater than 122˚F. Charge the battery in range of 0˚C 45˚C.
- Charging temperature range is regulated between 0˚C and 45˚C. Do not charge the battery out of recommended temperature range. Charging out

of recommended range might cause the generating heat or serious damage of battery. And also, it might cause the deterioration of battery's characteristics and cycle life.

- Do not use or leave the battery under the blazing sun or in heated car by sunshine. The battery may generate heat, smoke or flame. And also, it might cause the deterioration of battery's characteristics or cycle life.
- The battery pack has protection circuit to avoid the danger. Do not use nearby the place where generates static electricity more than 100V which gives damage to the protection circuit. If the protection circuit were broken, the battery would generate smoke, rupture or flame.
- When the battery has rust, bad smell or something abnormal at first-time-using, do not use the equipment and go to bring the battery to the shop which it was bought.
- In case younger children use the battery, their parents should teach them how to use batteries according to the manual with care.
- If the skin or cloth is smeared with liquid from the battery, wash with fresh water. It may cause the skin inflammation. Remove and do not use the battery.
- Do not handle the phone with wet hands while it is being charged. It may cause an electric shock or seriously damage your phone.
- Do not place or answer calls while charging the phone as it may short-circuit the phone and/or cause electric shock or fire.
- The charger and adapter are intended for indoor use only.

Insert the battery pack charger vertically into the wall power socket.

- Only use the approved battery charger. Otherwise, you may cause serious damage to your phone and risk of overheating, fire or explosion may occur.

- Use the correct adapter for your phone when using the battery pack charger abroad.
- Talking on your phone for a long period of time may reduce call quality due to heat generated during use.
- Do not use harsh chemicals (such as alcohol, benzene, thinners, etc.) or detergents to clean your phone. This could cause a fire. Do not place or answer calls while charging the phone as it may short-circuit the phone and/or cause electric shock or fire. Don't short-circuit the battery. Metallic articles such as a coin, paperclip or pen in your pocket or bag may short-circuit the + and – terminals of the battery (metal strips on the battery) upon moving. Short-circuit of the terminal may damage the battery and cause an explosion.
- Never use an unapproved battery since this could damage the phone and/or battery and could cause the battery to explode. Only use the batteries and chargers provided by LG. The warranty will not be applied to products provided by other suppliers. Only authorized personnel should service the phone and its accessories. Faulty installation or service may result in accidents and consequently invalidate the warranty.

Explosion, Shock, and Fire Hazards

- Do not put your phone in a place subject to excessive dust and keep the minimum required distance between the power cord and heat sources.
- Unplug the power cord prior to cleaning your phone, and clean the power plug pin when it's dirty.
- When using the power plug, ensure that it's firmly connected. If not, it may cause excessive heat or fire.
- If you put your phone in a pocket or bag without covering the receptacle of the phone (power plug pin), metallic articles (such as a coin, paperclip or pen) may short-circuit the phone

and may cause an explosion. Always cover the receptacle when not in use.

- Don't short-circuit the battery. Metallic articles such as a coin, paperclip or pen in your pocket or bag or contact with sharp objects including animal bites may short-circuit the + and – terminals of the battery (metal strips on the battery) upon moving. Short-circuit of the terminal may damage the battery and cause an explosion.

General Notice

- Using a damaged battery or placing a battery in your mouth or animal's mouth may cause serious injury including a fire or explosion.
- Do not place items containing magnetic components such as a credit card, phone card, bank book, or subway ticket near your phone. The magnetism of the phone may damage the data stored in the magnetic strip.
- Talking on your phone for a long period of time may reduce call quality due to heat generated during use. When the phone is not used for a long period time, store it in a safe place with the power cord unplugged.
- Using the phone in proximity to receiving equipment (i.e., TV or radio) may cause interference to the phone.
- Do not use the phone if the antenna is damaged. If a damaged antenna contacts skin, it may cause a slight burn. Please contact an LG Authorized Service Center to replace the damaged antenna.
- Do not immerse your phone in water, liquid, or expose to high humidity. If this happens, turn it off immediately and remove the battery. Immediately, take it to an LG Authorized Service Center.
- Do not paint your phone.
- The data saved in your phone might be deleted due to careless use, repair of the phone, or upgrade of the software. Please backup your important phone numbers. (Ringtones, text

messages, voice messages, pictures, and videos could also be deleted.) The manufacturer is not liable for damage due to the loss of data.

- When you use the phone in public places, set the ringtone to vibration so you don't disturb others.
- Do not turn your phone on or off when putting it to your ear.
- Use accessories, such as earphones and headsets, with caution. Ensure that cables are tucked away safely and do not touch the antenna unnecessarily.

FDA Consumer Update

The U.S. Food and Drug Administration's Center for Devices and Radiological Health Consumer Update on Mobile Phones:

1. Do wireless phones pose a health hazard?

The available scientific evidence does not show that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe. Wireless phones emit low levels of Radio Frequency (RF) energy in the microwave range while being used. They also emit very low levels of RF when in standby mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional research. In some cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

2. What is the FDA's role concerning the safety of wireless phones?

Under the law, the FDA does not review the safety of radiation-emitting consumer products such as wireless phones before they can be sold, as it does with new drugs

or medical devices. However, the agency has authority to take action if wireless phones are shown to emit Radio Frequency (RF) energy at a level that is hazardous to the user. In such a case, the FDA could require the manufacturers of wireless phones to notify users of the health hazard and to repair, replace, or recall the phones so that the hazard no longer exists.

Although the existing scientific data do not justify FDA regulatory actions, the FDA has urged the wireless phone industry to take a number of steps, including the following:

- Support needed research into possible biological effects of RF of the type emitted by wireless phones;
- Design wireless phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and
- Cooperate in providing users of wireless phones with the best possible information on possible effects of wireless phone use on human health.

The FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of RF safety to ensure coordinated efforts at the federal level. The following agencies belong to this working group:

- National Institute for Occupational Safety and Health
- Environmental Protection Agency
- Occupational Safety and Health Administration
- National Telecommunications and Information Administration

The National Institutes of Health participates in some interagency working group activities, as well.

The FDA shares regulatory responsibilities for wireless phones with the Federal Communications Commission (FCC). All phones that are sold in the United States must comply with FCC safety guidelines that limit RF exposure. The FCC relies on the FDA and other health agencies for safety questions about wireless phones.

The FCC also regulates the base stations that the wireless phone

networks rely upon. While these base stations operate at higher power than do the wireless phones themselves, the RF exposures that people get from these base stations are typically thousands of times lower than those they can get from wireless phones. Base stations are thus not the subject of the safety questions discussed in this document.

3. What kinds of phones are the subject of this update?

The term "wireless phone" refers here to handheld wireless phones with built-in antennas, often called "cell", "mobile", or "PCS" phones. These types of wireless phones can expose the user to measurable Radio Frequency (RF) energy because of the short distance between the phone and the user's head.

These RF exposures are limited by FCC safety guidelines that were developed with the advice of the FDA and other federal health and safety agencies. When the phone is located at greater distances from the user, the exposure to RF is drastically lower because a person's RF exposure decreases rapidly with increasing distance from the source. The so-called "cordless phones," which have a base unit connected to the telephone wiring in a house, typically operate at far lower power levels, and thus produce RF exposures far below the FCC safety limits.

4. What are the results of the research done already?

The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods. Animal experiments investigating the effects of Radio Frequency (RF) energy exposures characteristic of wireless phones have yielded conflicting results that often cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. However, many of the studies that showed increased tumor development used animals that had been genetically engineered or treated with cancer-causing

chemicals so as to be pre-disposed to develop cancer in the absence of RF exposure. Other studies exposed the animals to RF for up to 22 hours per day. These conditions are not similar to the conditions under which people use wireless phones, so we do not know with certainty what the results of such studies mean for human health. Three large epidemiology studies have been published since December 2000. Between them, the studies investigated any possible association between the use of wireless phones and primary brain cancer, glioma, meningioma, or acoustic neuroma, tumors of the brain or salivary gland, leukemia, or other cancers. None of the studies demonstrated the existence of any harmful health effects from wireless phone RF exposures. However, none of the studies can answer questions about long-term exposures, since the average period of phone use in these studies was around three years.

5. What research is needed to decide whether RF exposure from wireless phones poses a health risk?

A combination of laboratory studies and epidemiological studies of people actually using wireless phones would provide some of the data that are needed. Lifetime animal exposure studies could be completed in a few years. However, very large numbers of animals would be needed to provide reliable proof of a cancer promoting effect if one exists. Epidemiological studies can provide data that is directly applicable to human populations, but ten or more years follow-up may be needed to provide answers about some health effects, such as cancer. This is because the interval between the time of exposure to a cancer-causing agent and the time tumors develop — if they do — may be many, many years. The interpretation of epidemiological studies is hampered by difficulties in measuring actual RF exposure during day-to-day use of wireless phones. Many factors affect this measurement, such as the angle at

which the phone is held, or which model of phone is used.

6. What is the FDA doing to find out more about the possible health effects of wireless phone RF?

The FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to Radio Frequency (RF) energy.

The FDA has been a leading participant in the World Health Organization International Electro Magnetic Fields (EMF) Project since its inception in 1996. An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world. The project has also helped develop a series of public information documents on EMF issues.

The FDA and the Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research And Development Agreement (CRADA) to do research on wireless phone safety. The FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations. CTIA-funded research is conducted through contracts with independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

7. How can I find out how much Radio Frequency energy exposure I can get by using my wireless phone?

All phones sold in the United States must comply with Federal Communications Commission (FCC) guidelines that limit Radio Frequency (RF) energy exposures. The FCC established these guidelines in consultation with the

FDA and the other federal health and safety agencies. The FCC limit for RF exposure from wireless phones is set at a Specific Absorption Rate (SAR) of 1.6 watts per kilogram (1.6 W/kg). The FCC limit is consistent with the safety standards developed by the Institute of Electrical and Electronic Engineering (IEEE) and the National Council on Radiation Protection and Measurement. The exposure limit takes into consideration the body's ability to remove heat from the tissues that absorb energy from the wireless phone and is set well below levels known to have effects. Manufacturers of wireless phones must report the RF exposure level for each model of phone to the FCC. The FCC website (http://www.fcc.gov/oet/rfsafety) gives directions for locating the FCC identification number on your phone so you can find your phone's RF exposure level in the online listing.

8. What has the FDA done to measure the Radio Frequency energy coming from wireless phones?

The Institute of Electrical and Electronic Engineers (IEEE) is developing a technical standard for measuring the Radio Frequency (RF) energy exposure from wireless phones and other wireless handsets with the participation and leadership of FDA scientists and engineers. The standard, "Recommended Practice for Determining the Spatial-Peak Specific Absorption Rate (SAR) in the Human Body Due to Wireless Communications Devices: Experimental Techniques", sets forth the first consistent test methodology for measuring the rate at which RF is deposited in the heads of wireless phone users. The test method uses a tissue-simulating model of the human head. Standardized SAR test methodology is expected to greatly improve the consistency of measurements made at different laboratories on the same phone. SAR is the measurement of the amount of energy absorbed in

tissue, either by the whole body or a small part of the body. It is measured in watts/kg (or milliwatts/g) of matter. This measurement is used to determine whether a wireless phone complies with safety guidelines.

9. What steps can I take to reduce my exposure to Radio Frequency energy from my wireless phone?

If there is a risk from these products — and at this point we do not know that there is — it is probably very small. But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to Radio Frequency (RF) energy. Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure. If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance. For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna. Again, the scientific data does not demonstrate that wireless phones are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

10. What about children using wireless phones?

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to Radio Frequency (RF) energy, the measures described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure.

Some groups sponsored by other national governments have advised that children be discouraged from

using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000. They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

11. What about wireless phone interference with medical equipment?

Radio Frequency (RF) energy from wireless phones can interact with some electronic devices. For this reason, the FDA helped develop a detailed test method to measure Electro Magnetic Interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones. This test method is now part of a standard sponsored by the Association for the Advancement of Medical Instrumentation (AAMI). The final draft, a joint effort by the FDA, medical device manufacturers, and many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI.

The FDA has tested hearing aids for interference from handheld wireless phones and helped develop a voluntary standard sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that no interference occurs when a person uses a "compatible" phone and a "compatible" hearing aid at the same time. This standard was approved by the IEEE in 2000.

The FDA continues to monitor the use of wireless phones for possible interactions with other medical devices. Should harmful interference be found to occur, the FDA will conduct testing to assess the interference and work to resolve the problem.

12. Where can I find additional information?

For additional information, please refer to the following resources:

FDA web page on wireless phones(http://www.fda.gov/cellphones/)

Federal Communications Commission (FCC) RF Safety Program(http://www.fcc.gov/oet/rfsafety)

International Commission on Non-Ionizing Radiation Protection(http://www.icnirp.de)

World Health Organization (WHO) International EMF Project(http://www.who.int/emf)

National Radiological Protection Board (UK)(http://www.hpa.org.uk/radiation/)

Driving

Check the laws and regulations on the use of wireless phones in the areas where you drive and always obey them. Also, if using your phone while driving, please observe the following:

- Give full attention to driving -- driving safely is your first responsibility;
- Use hands-free operation, if available;
- Pull off the road and park before making or answering a call if driving conditions or the law require it.

10 Driver Safety Tips

Your wireless phone gives you the powerful ability to communicate by voice almost anywhere, anytime. An important responsibility accompanies the benefits of wireless phones, one that every user must uphold.

When operating a car, driving is your first responsibility. When using your wireless phone behind the wheel of a car, practice good common sense and remember the following tips:

1. Get to know your wireless phone and its features such as speed dial and redial. Carefully read your instruction manual and learn to take advantage of valuable features most phones

offer, including automatic redial and memory. Also, work to memorize the phone keypad so you can use the speed dial function without taking your attention off the road.

2. When available, use a hands-free device. A number of hands-free wireless phone accessories are readily available today. Whether you choose an installed mounted device for your wireless phone or a speaker phone accessory, take advantage of these devices if available to you.

3. Make sure you place your wireless phone within easy reach and where you can reach it without removing your eyes from the road. If you get an incoming call at an inconvenient time, if possible, let your voicemail answer it for you.

4. Suspend conversations during hazardous driving conditions or situations. Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow, and ice can be hazardous, but so is heavy traffic. As a driver, your first responsibility is to pay attention to the road.

5. Don't take notes or look up phone numbers while driving. If you are reading an address book or business card, or writing a "to-do" list while driving a car, you are not watching where you are going. It is common sense. Do not get caught in a dangerous situation because you are reading or writing and not paying attention to the road or nearby vehicles.

6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan your calls before you begin your trip or attempt to coincide your calls with times you may be stopped at a stop sign, red light, or otherwise stationary. But if you need to dial while driving, follow this simple tip -- dial only a few numbers, check the road and your mirrors, then continue.

7. Do not engage in stressful or emotional conversations that may be distracting. Stressful or

emotional conversations and driving do not mix; they are distracting and even dangerous when you are behind the wheel of a car. Make people you are talking with aware you are driving and if necessary, suspend conversations which have the potential to divert your attention from the road.

8. Use your wireless phone to call for help. Your wireless phone is one of the greatest tools you can own to protect yourself and your family in dangerous situations -- with your phone at your side, help is only three numbers away. Dial 911 or other local emergency number in the case of fire, traffic accident, road hazard, or medical emergency. Remember, it's a free call on your wireless phone!
9. Use your wireless phone to help others in emergencies. Your wireless phone provides you a perfect opportunity to be a "Good Samaritan" in your community. If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 911 or other local emergency number, as you would want others to do for you.
10. Call roadside assistance or a special wireless non-emergency assistance number when necessary. Certain situations you encounter while driving may require attention, but are not urgent enough to merit a call for emergency services. But you can still use your wireless phone to lend a hand. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless number.

The above tips are meant as general guidelines. Before deciding to use your mobile device while operating a vehicle, it is recommended that you consult your applicable jurisdiction's local laws or other regulations regarding such use. Such laws or other regulations may prohibit or

otherwise restrict the manner in which a driver may use his or her phone while operating a vehicle.

7.11 Warranty Laws

The following laws govern warranties that arise in retail sales of consumer goods:

- The California Song-Beverly Consumer Warranty Act [CC §§1790 et seq],
- The California Uniform Commercial Code, Division Two [Com C §§2101 et seq], and
- The federal Magnuson-Moss Warranty Federal Trade Commission Improvement Act [15 USC §§2301 et seq; 16 CFR Parts 701 – 703]. A typical Magnuson-Moss Act warranty is a written promise that the product is free of defects or a written promise to refund, repair, or replace defective goods. [See 15 USC §2301 (6).] Remedies include damages for failing to honor a written warranty or service contract or for violating disclosure provisions. [See 15 USC §2310(d).] Except for some labeling and disclosure requirements, the federal Act does not preempt state law. [See 15 USC §2311.]

The Consumer Warranty Act does not affect the rights and obligations of parties under the state Uniform Commercial Code, except the provisions of the Act prevail over provisions of the Commercial Code when they conflict. [CC §1790.3.]

For purposes of small claims actions, this course will focus on rights and duties under the state laws.

LIMITED WARRANTY STATEMENT

1. WHAT THIS WARRANTY COVERS:

LG offers you a limited warranty that the enclosed subscriber unit and its enclosed accessories will be free from defects in material and workmanship, according to the following terms and conditions:

(1) The limited warranty for the product extends for TWELVE (12) MONTHS beginning on the date of purchase of the product with valid proof of purchase, or absent valid proof of purchase, FIFTEEN (15) MONTHS from date of manufacture as determined by the unit's manufacture date code.

(2) The limited warranty extends only to the original purchaser of the product and is not assignable or transferable to any subsequent purchaser/end user.

(3) This warranty is good only to the original purchaser of the product during the warranty period as long as it is in the U.S., including Alaska, Hawaii, U.S. Territories and Canada.

(4) The external housing and cosmetic parts shall be free of defects at the time of shipment and, therefore, shall not be covered under these limited warranty terms.

(5) Upon request from LG, the consumer must provide information to reasonably prove the date of purchase.

(6) The customer shall bear the cost of shipping the product to the Customer Service Department of LG. LG shall bear the cost of shipping the product back to the consumer after the completion of service under this limited warranty.

2. WHAT THIS WARRANTY DOES NOT COVER:

(1) Defects or damages resulting from use of the product in other than its normal and customary manner.

(2) Defects or damages from abnormal use, abnormal conditions, improper storage, exposure to moisture or dampness, unauthorized modifications, unauthorized

connections, unauthorized repair, misuse, neglect, abuse, accident, alteration, improper installation, or other acts which are not the fault of LG, including damage caused by shipping, blown fuses, spills of food or liquid.

(3) Breakage or damage to antennas unless caused directly by defects in material or workmanship.

(4) That the Customer Service Department at LG was not notified by consumer of the alleged defect or malfunction of the product during the applicable limited warranty period.

(5) Products which have had the serial number removed or made illegible.

(6) This limited warranty is in lieu of all other warranties, express or implied either in fact or by operations of law, statutory or otherwise, including, but not limited to any implied warranty of marketability or fitness for a particular use.

(7) Damage resulting from use of non LG approved accessories.

(8) All plastic surfaces and all other externally exposed parts that are scratched or damaged due to normal customer use.

(9) Products operated outside published maximum ratings.

(10) Products used or obtained in a rental program.

(11) Consumables (such as fuses).

3. WHAT LG WILL DO:

LG will, at its sole option, either repair, replace or refund the purchase price of any unit that does not conform to this limited warranty. LG may choose at its option to use functionally equivalent re-conditioned, refurbished or new units or parts or any units. In addition, LG will not re-install or back-up any data, applications or software that you have added to your phone. It is therefore recommended that you back-up any such data or information prior to sending the unit to LG to avoid the permanent loss of such information.

4. STATE LAW RIGHTS:

No other express warranty is applicable to this product. THE DURATION OF ANY IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTY OF MARKETABILITY, IS LIMITED TO THE DURATION OF THE EXPRESS WARRANTY HEREIN. LG SHALL NOT BE LIABLE FOR THE LOSS OF THE USE OF THE PRODUCT, INCONVENIENCE, LOSS OR ANY OTHER DAMAGES, DIRECT OR CONSEQUENTIAL, ARISING OUT OF THE USE OF, OR INABILITY TO USE, THIS PRODUCT OR FOR ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING THE IMPLIED WARRANTY OF MARKETABILITY APPLICABLE TO THIS PRODUCT.

Some states do not allow the exclusive limitation of incidental or consequential damages or limitations on how long an implied warranty lasts; so these limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

5. HOW TO GET WARRANTY SERVICE:

To obtain warranty service, please call or fax to the following telephone numbers from anywhere in the continental United States:

Tel. 1-800-793-8896 or Fax. 1-800-448-4026

Or visit http://us.lgservice.com. Correspondence may also be mailed to:

LG Electronics Service- Mobile Handsets, P.O. Box 240007, Huntsville, AL 35824

DO NOT RETURN YOUR PRODUCT TO THE ABOVE ADDRESS. Please call or write for the location of the LG authorized service center nearest you and for the procedures for obtaining warranty claims.

Important Information

This user's guide provides important information on the use and operation of your phone. Please read this guide carefully prior to using the phone to be able to use your phone to its greatest advantage and to prevent any accidental damage or misuse. Any unapproved changes or modifications will void your warranty.

FCC Part 15 Class B Compliance

This device and its accessories comply with part 15 of FCC rules. Operation is subject to the following two conditions: (1) This device and its accessories may not cause harmful interference, and (2) this device and its accessories must accept any interference received, including interference that causes undesired operation.

Information to User

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Modifications not expressly approved by the manufacturer could void the user's authority to operated the equipment under FCC rules.

Technical Details

The **LG Cosmos™ 3** is an all digital phone that operates on both Code Division Multiple Access (CDMA) frequencies: Cellular services at 800 MHz and Personal Communication Services (PCS) at 1.9 GHz.

CDMA technology uses a feature called DSSS (Direct Sequence Spread Spectrum) that enables the phone to keep communication from being crossed and to use one frequency channel by multiple users in the same specific area. This results in a 10-fold capacity increase when compared with analog mode. In addition, features such as soft/ softer handoff, hard handoff, and dynamic RF power control technologies combine to reduce call interruptions.

The Cellular and PCS CDMA networks consist of MSO (Mobile Switching Office), BSC (Base Station Controller), BTS (Base Station Transmission System), and MS (Mobile Station).

* TSB -74: Protocol between an IS-95A system and ANSI J-STD-008

1xRTT system receives twice as many subscribers in the wireless section as IS-95. Its battery life is twice as long as IS-95. High-speed data transmission is also possible.

The following table lists some major CDMA standards.

CDMA Standard	Designator	Description
Basic Air Interface	TIA/EIA-95A TSB-74 ANSI J-STD-008 TIA/EIA-IS2000	CDMA Dual-Mode Air Interface 14.4kbps Radio Link Protocol and Inter-Band Operations IS-95 Adapted for PCS Frequency Band CDMA2000 1xRTT Air Interface
Network	TIA/EIA/IS-634 TIA/EIA/IS-651 TIA/EIA/IS-41-C TIA/EIA/IS-124	MAS-BS PCSC-RS Intersystem Operations Non-Signaling Data Communications.
Service	TIA/EIA/IS-96-B TIA/EIA/IS-637 TIA/EIA/IS-657 IS-801 TIA/EIA/IS-707-A	Speech CODEC Short Message Service Packet Data Position Determination Service (gpsOne) High Speed Packet Data

FCC RF Exposure Information

WARNING! Read this information before operating the phone.

In August 1996, the Federal Communications Commission (FCC) of the United States, with its action in Report and Order FCC 96-326, adopted an updated safety standard for human exposure to Radio Frequency (RF) electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies. The design of this phone complies with the FCC guidelines and these international standards.

Bodily Contact During Operation

This device was tested for typical use with the back of the phone kept 0.78 inches (2.0 cm) from the body. To comply with FCC RF exposure requirements, a minimum separation distance of 0.78 inches (2.0 cm) must be maintained between the user's body and the back of the phone, including the antenna, whether extended or retracted. Third-party belt-clips, holsters, and similar accessories containing metallic components should not be used. Avoid the use

of accessories that cannot maintain 0.78 inches (2.0 cm) distance between the user's body and the back of the phone and have not been tested for compliance with FCC RF exposure limits.

Vehicle-Mounted External Antenna

(Optional, if available.)

To satisfy FCC RF exposure requirements, keep 8 inches (20 cm) between the user/ bystander and vehicle-mounted external antenna. For more information about RF exposure, visit the FCC website at www.fcc.gov.

Caution

Use only the supplied antenna. Use of unauthorized antennas (or modifications to the antenna) could impair call quality, damage the phone, void your warranty and/or violate FCC regulations.

Don't use the phone with a damaged antenna. A damaged antenna could cause a minor skin burn.

Contact your local dealer for a replacement antenna.

HAC

This phone has been tested and rated for use with hearing aids for some of the wireless technologies that it uses.
However, there may be some newer wireless technologies used in this phone that have not been tested yet for use with hearing aids.
It is important to try the different features of this phone thoroughly and in different locations, using your hearing aid or cochlear implant, to determine if you hear any interfering noise.
Consult your service provider or the manufacturer of this phone for information on hearing aid compatibility.
If you have questions about return or exchange policies, consult your service provider or phone retailer.

Terminology

Ez Tip Calculator

Feature for easy bill calculation using the total cost, tip, and number of people as variables.

Advanced Voice Commands

Feature that allows you to perform a wide range of verbal commands by training the phone to recognize your individual speech patterns.

Bluetooth® wireless technology

Technology used to allow mobile phones, computers, and other personal devices to be easily coordinated and interconnected using a short-range wireless connection.

Media Center

Feature that accesses the Internet to provide the ability to access and even download a wide variety of software, information, and more right on your LG Verizon wireless phone.

microSD™

Additional external memory for your mobile phone.

Acronyms and Abbreviations

DTMF

Dual-**T**one **M**ulti **F**requency (or "touch-tone") is a method used to communicate keys pressed on the phone. Pressing a key generates two simultaneous tones, one for the row and one for the column to determine which key was pressed.

ERI

Enhanced **R**oaming **I**ndicator is a feature to indicate whether a mobile phone is on its home system, a partner network, or a roaming network. Many phones indicate home vs. roaming as an icon, but ERI capable phones can clearly indicate third "partner network" status.

GPS

Global **P**ositioning **S**ystem is a system of satellites, computers, and receivers able to determine the latitude and longitude of a specific receiver on Earth. Position is calculated using time and distance.

IS 2000

Type of digital signaling. It's the second generation of CDMA digital cellular, an extension of IS-95. Differences between signaling types have to do with pilot signal and links to provide more traffic channels, and control protocols.

NAM

Number **A**ssignment **M**odule is how the phone stores the phone number and its electronic serial number.

SSL

Secure **S**ockets **L**ayer Protocol used to encrypt data sent over the air.

TTY

Tele**t**ypewriter. An electromechanical typewriter that either transmits or receives messages coded in electrical signals. A phone with TTY support is able to translate typed characters to voice or translate voice into characters to display on the TTY.

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